

FIG. 1A

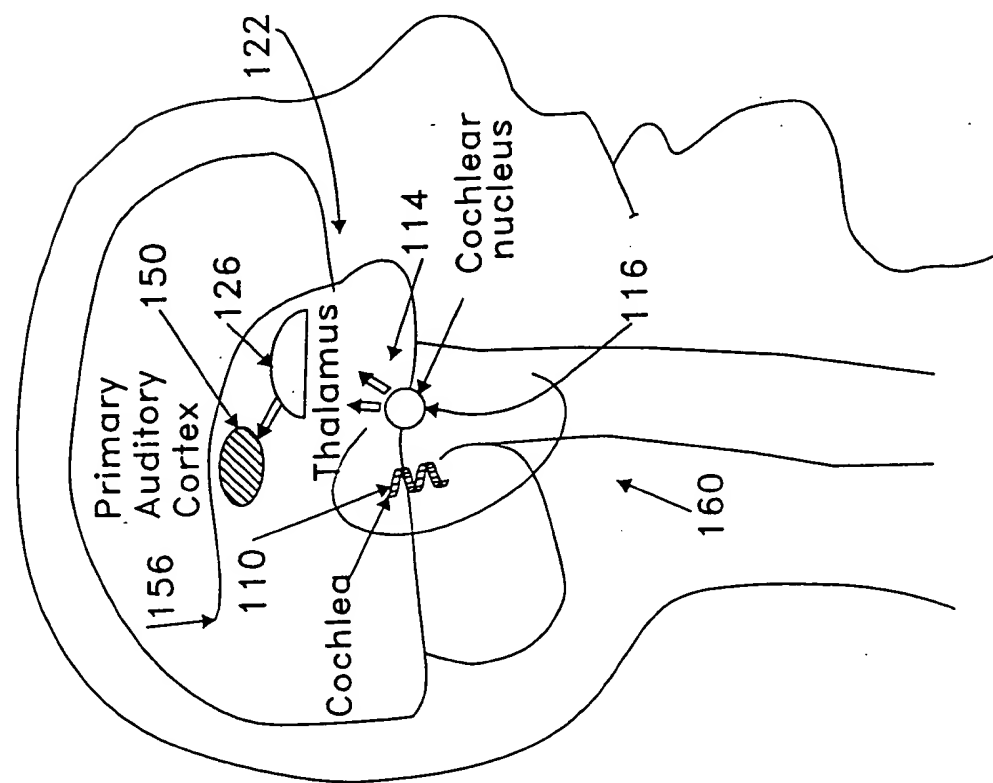


FIG. 1B

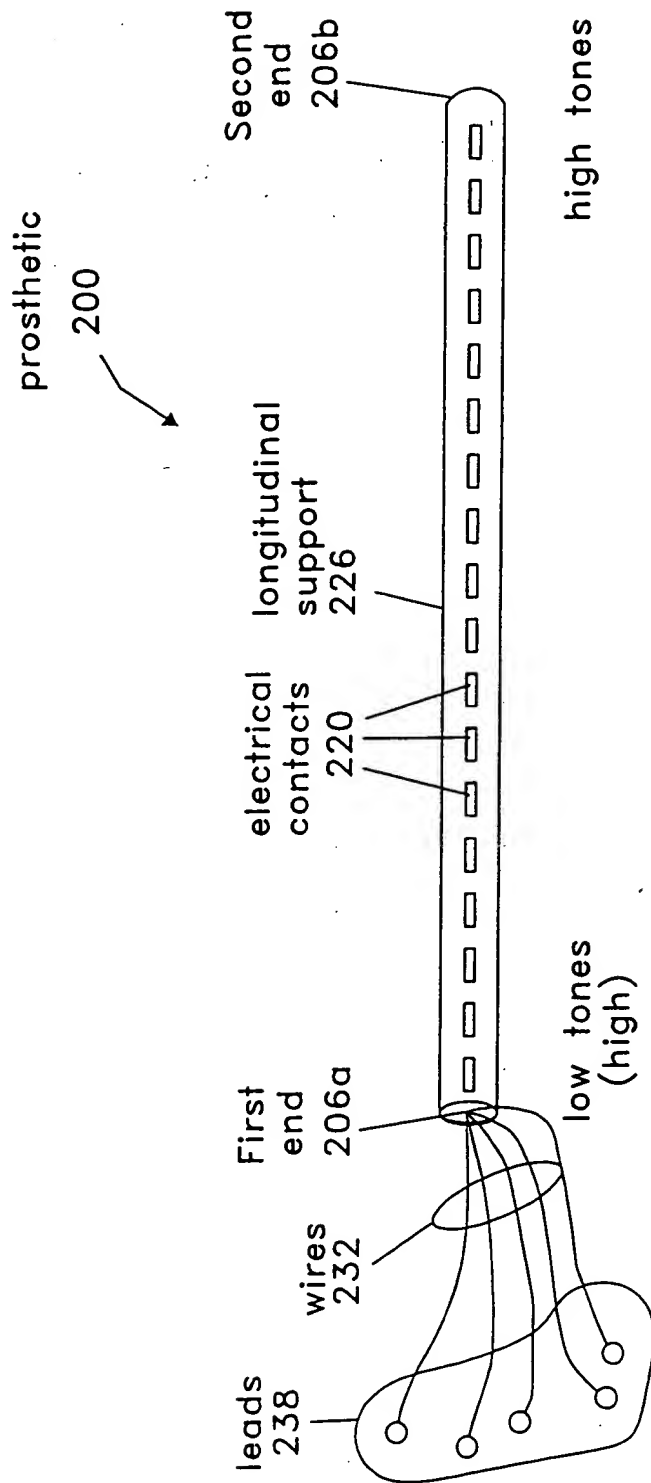


FIG. 2

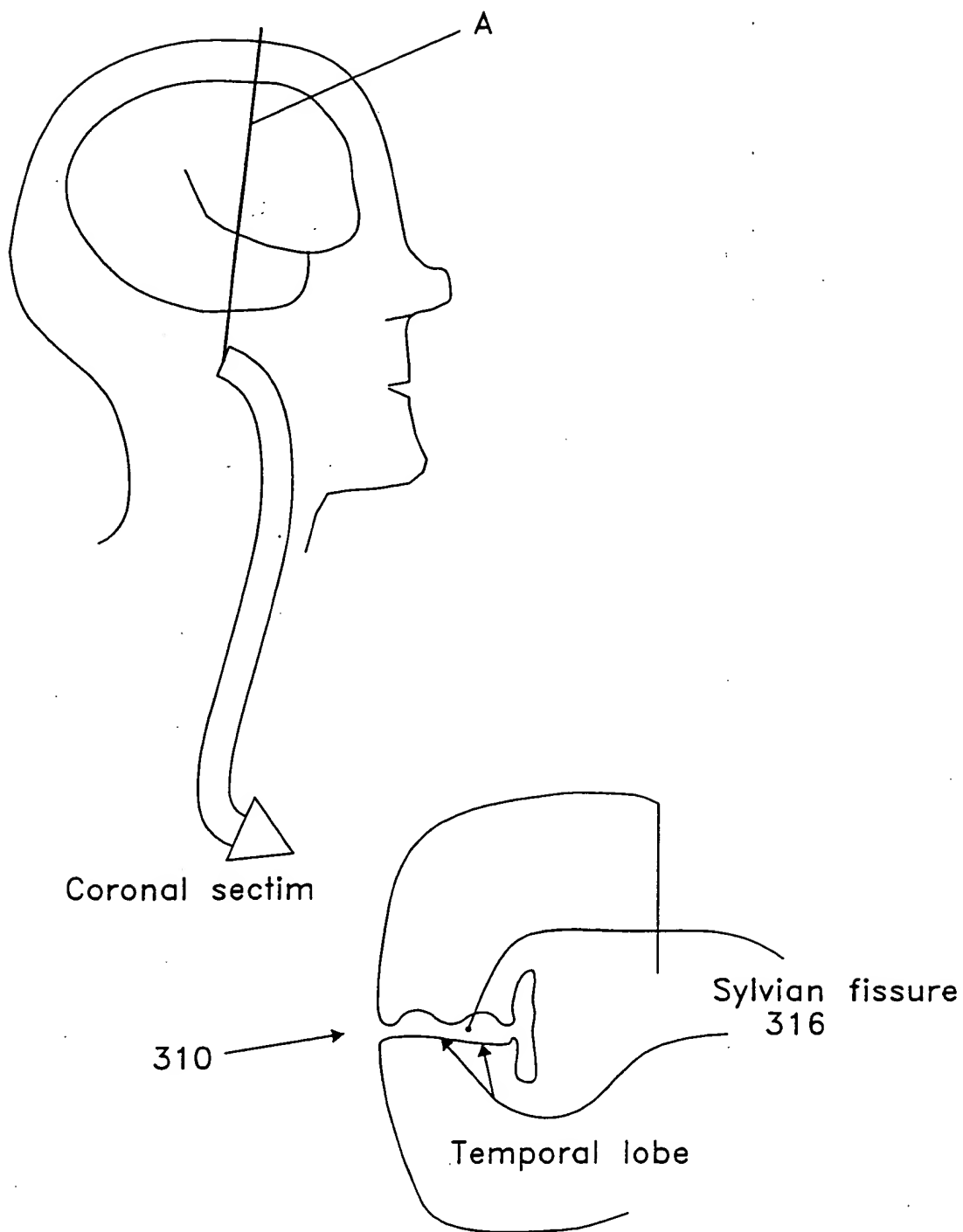


FIG. 3A

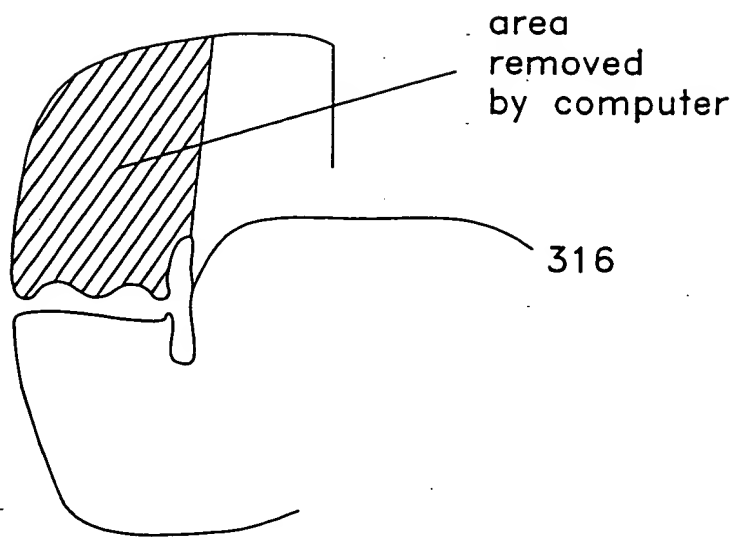


FIG. 3B

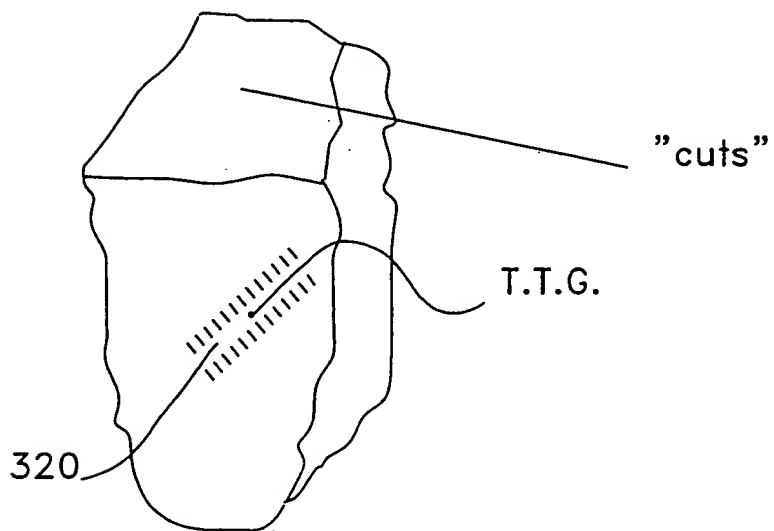


FIG. 3C

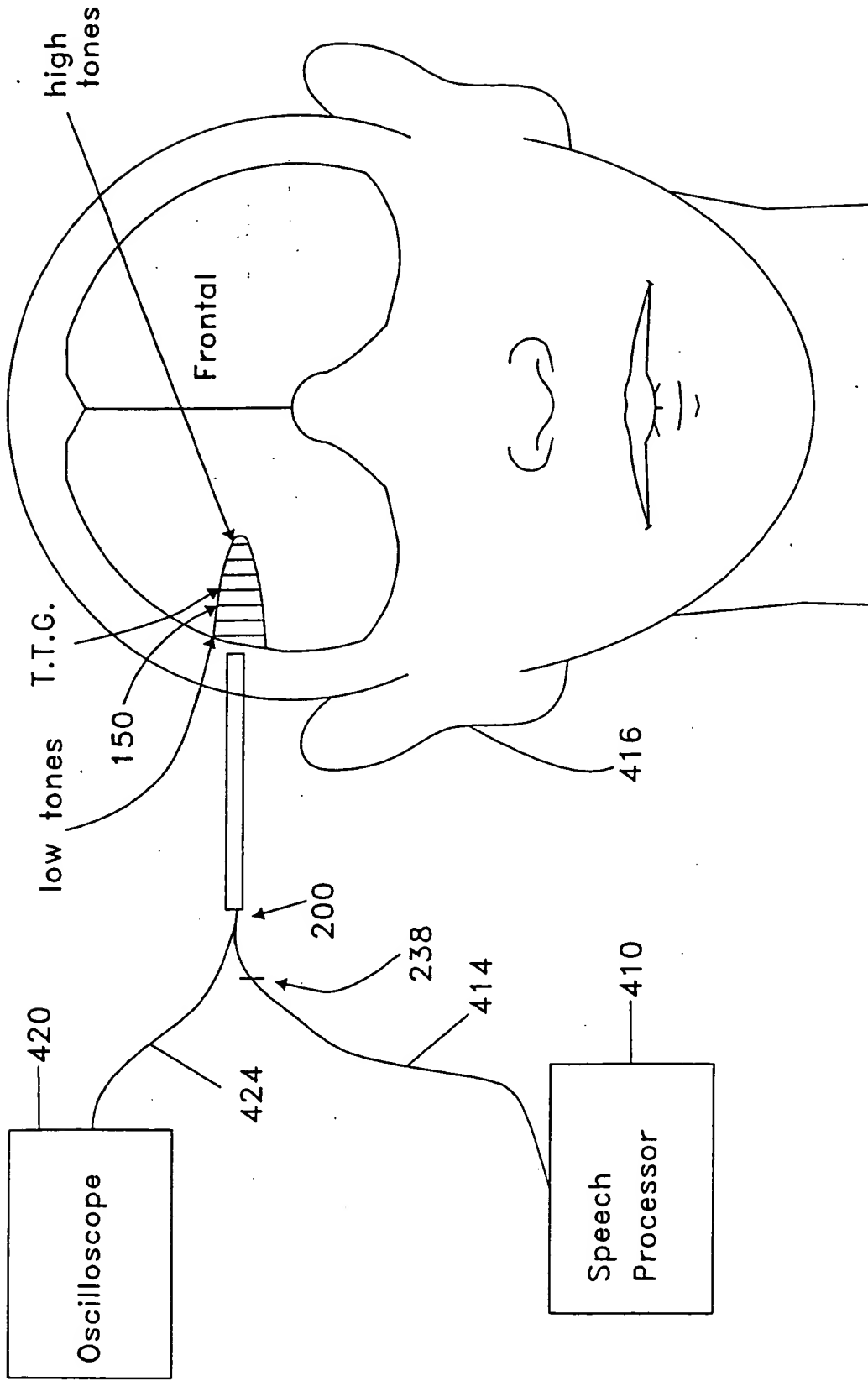


FIG. 4

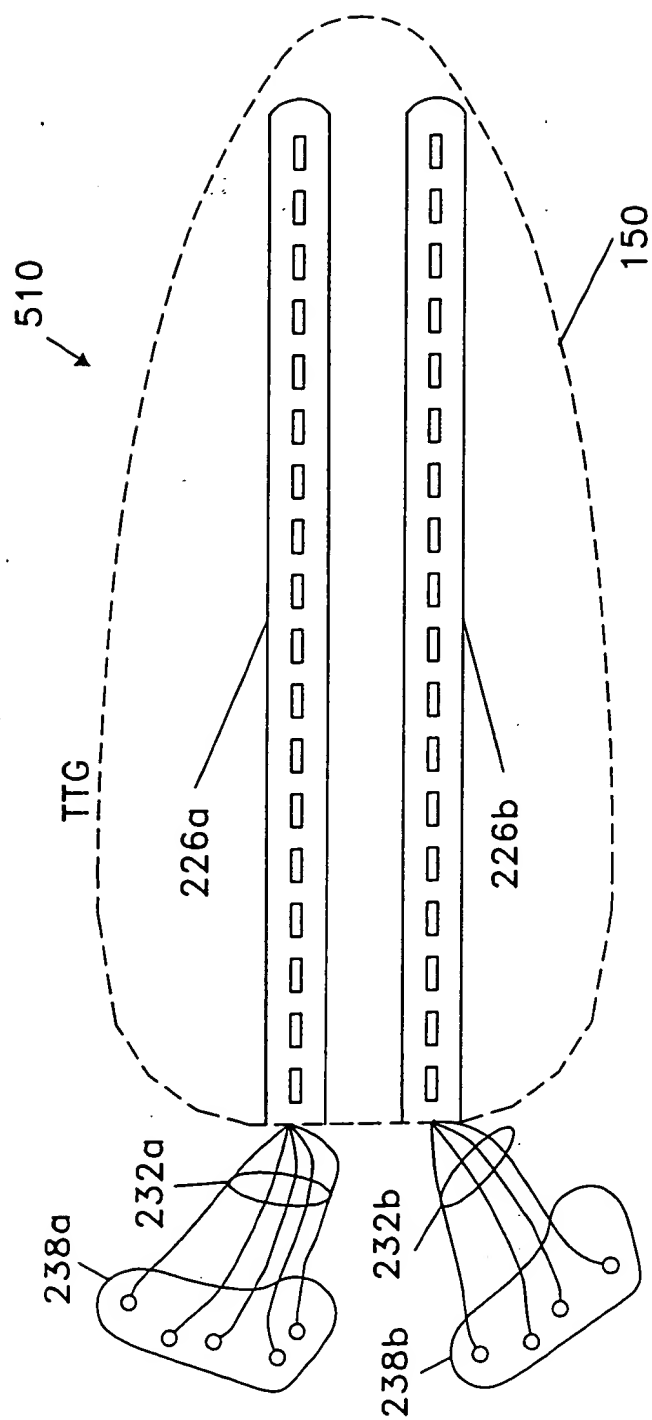


FIG. 5

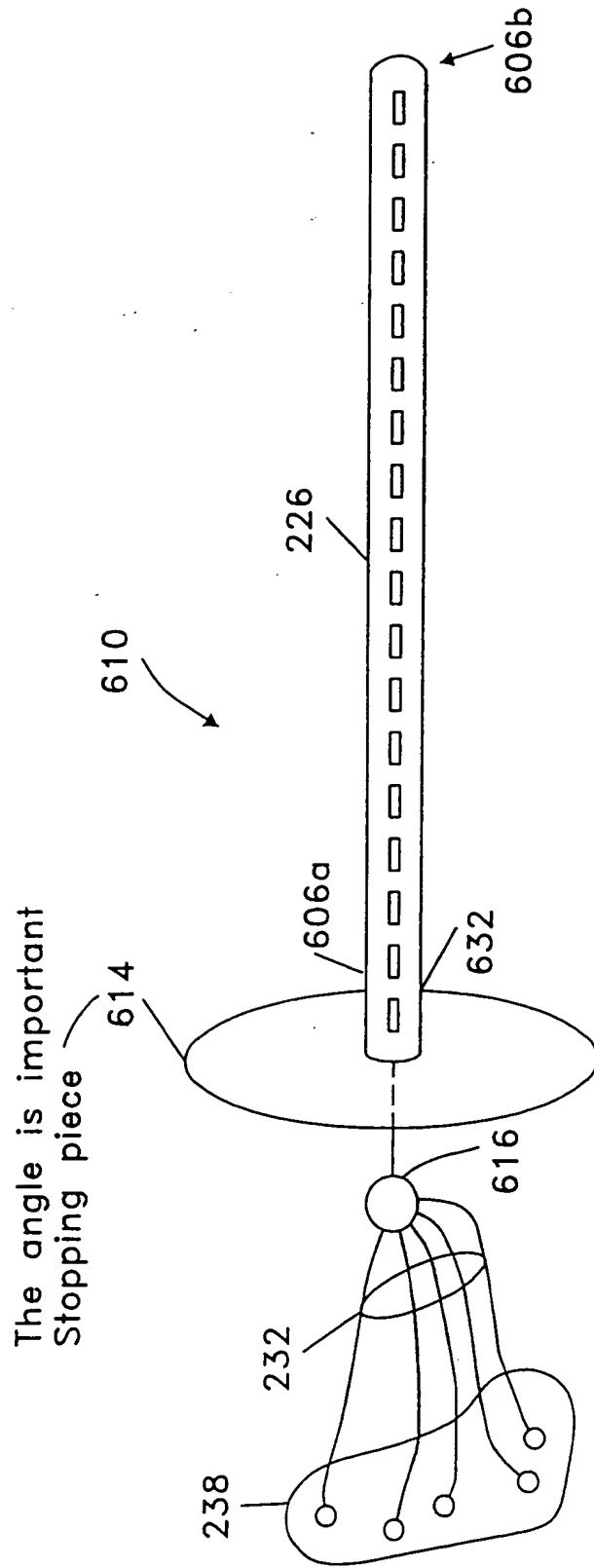


FIG. 6

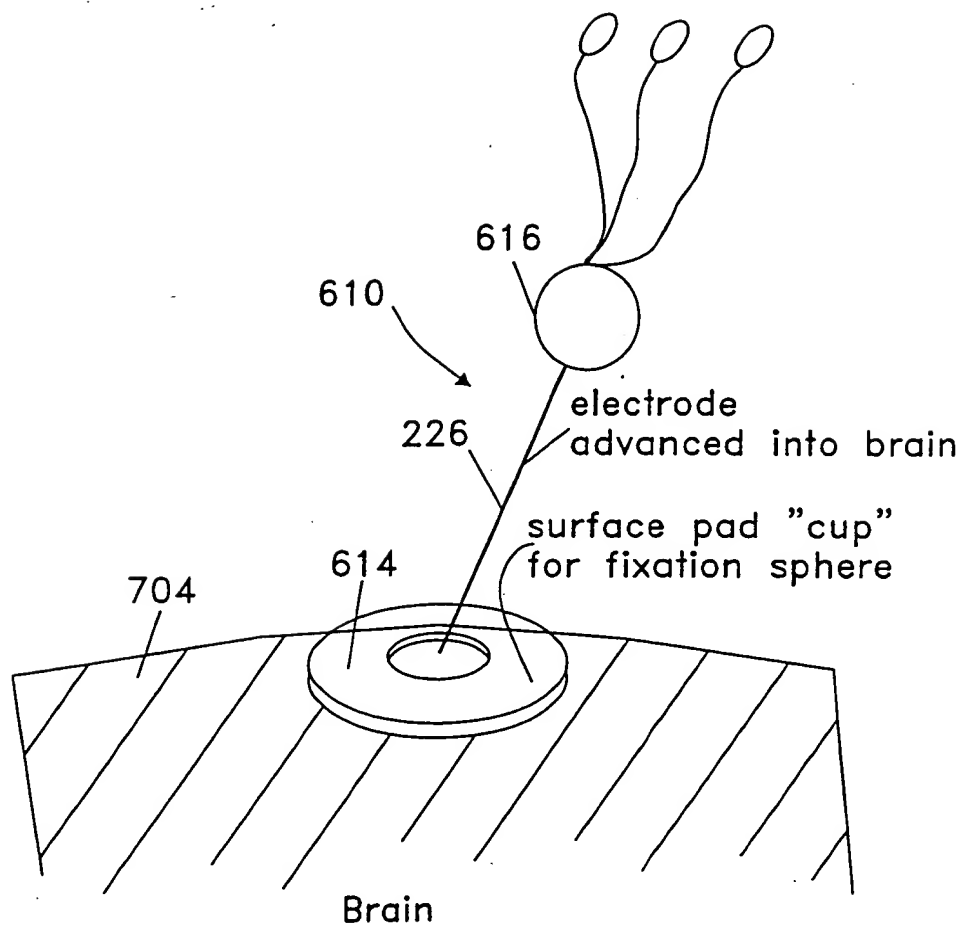


FIG. 7A



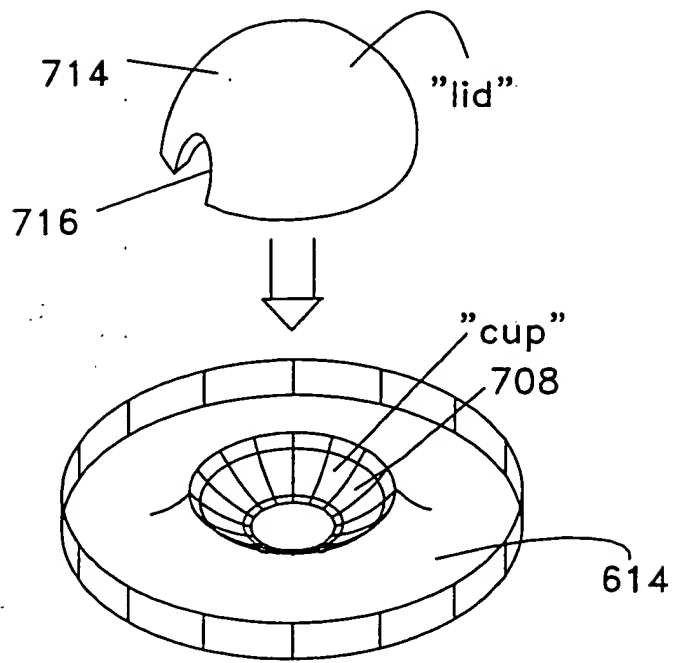


FIG. 7B

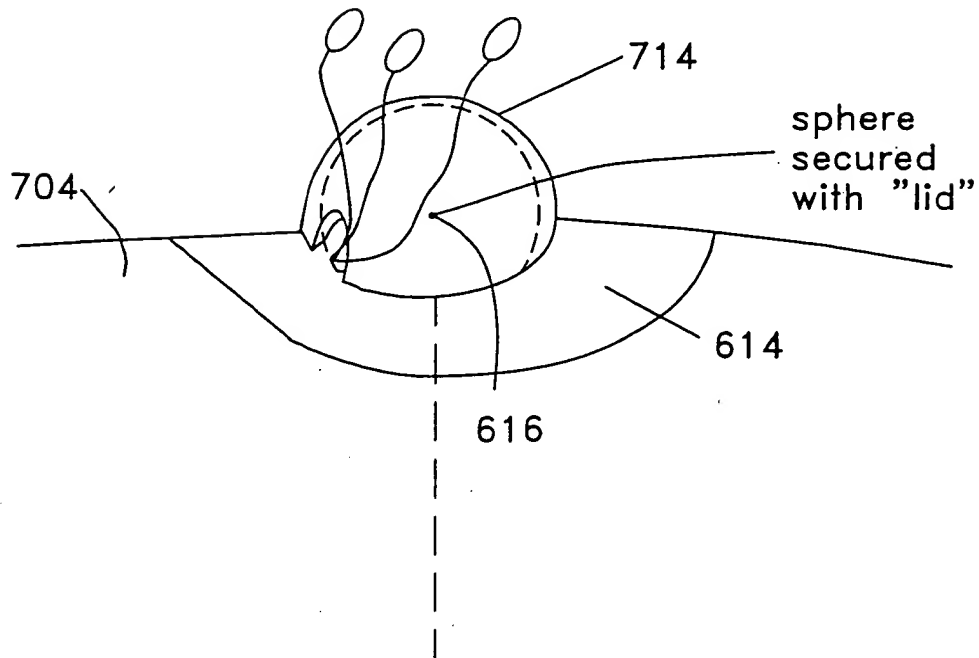


FIG. 7C

FIG. 8 is a perspective view of the prosthetic device 200.

Prosthetic

200

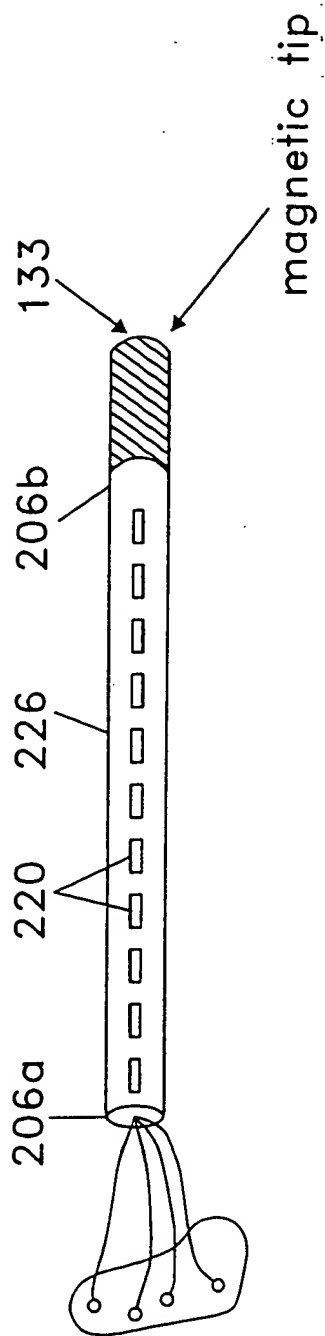


FIG. 8

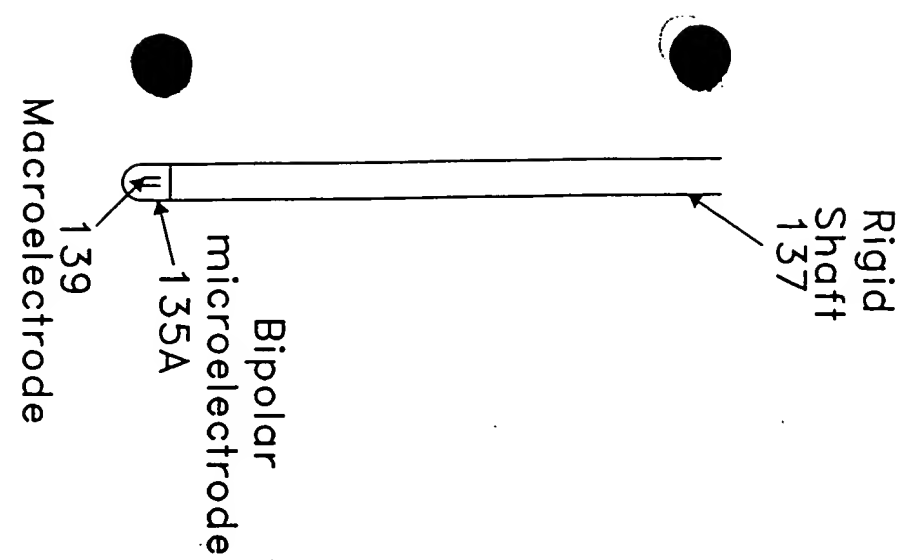


FIG. 9A

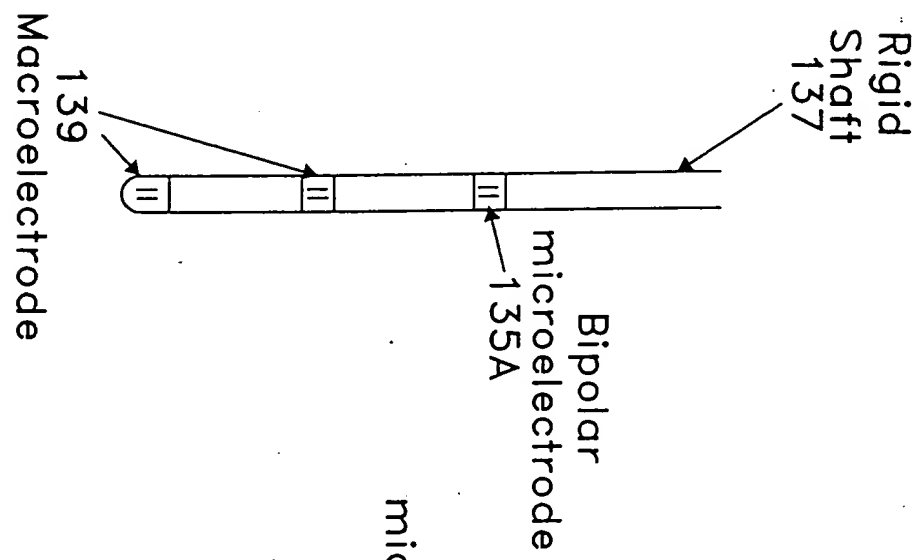


FIG. 9B

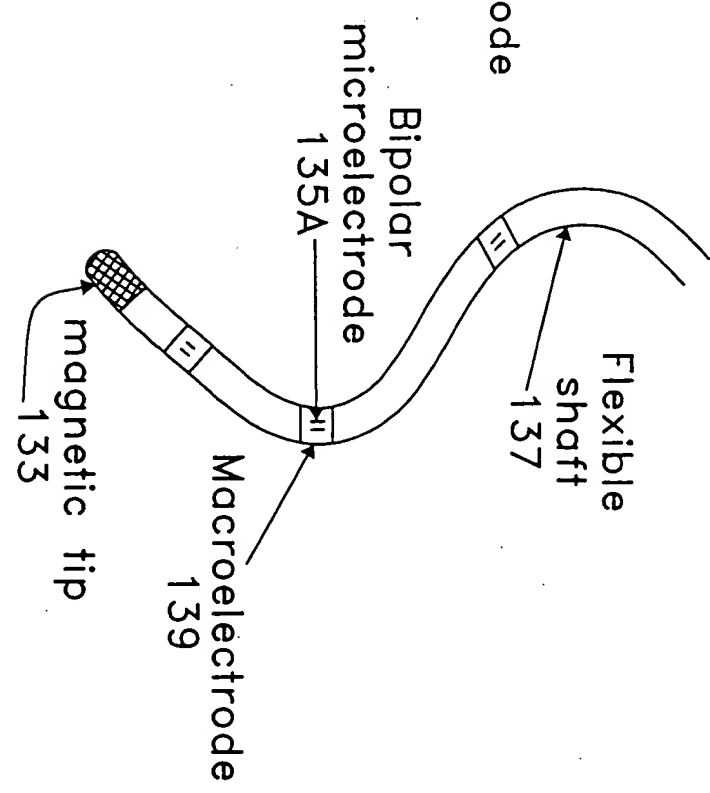


FIG. 9C

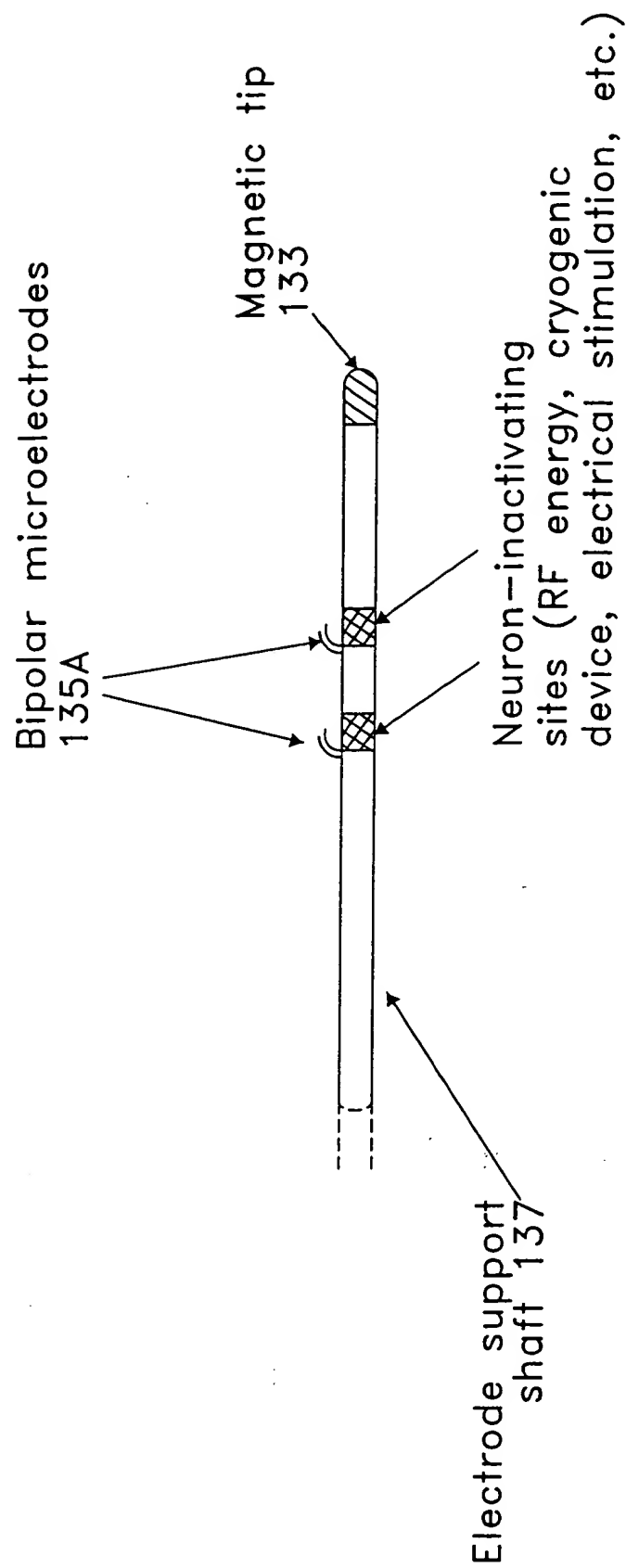


FIG. 10

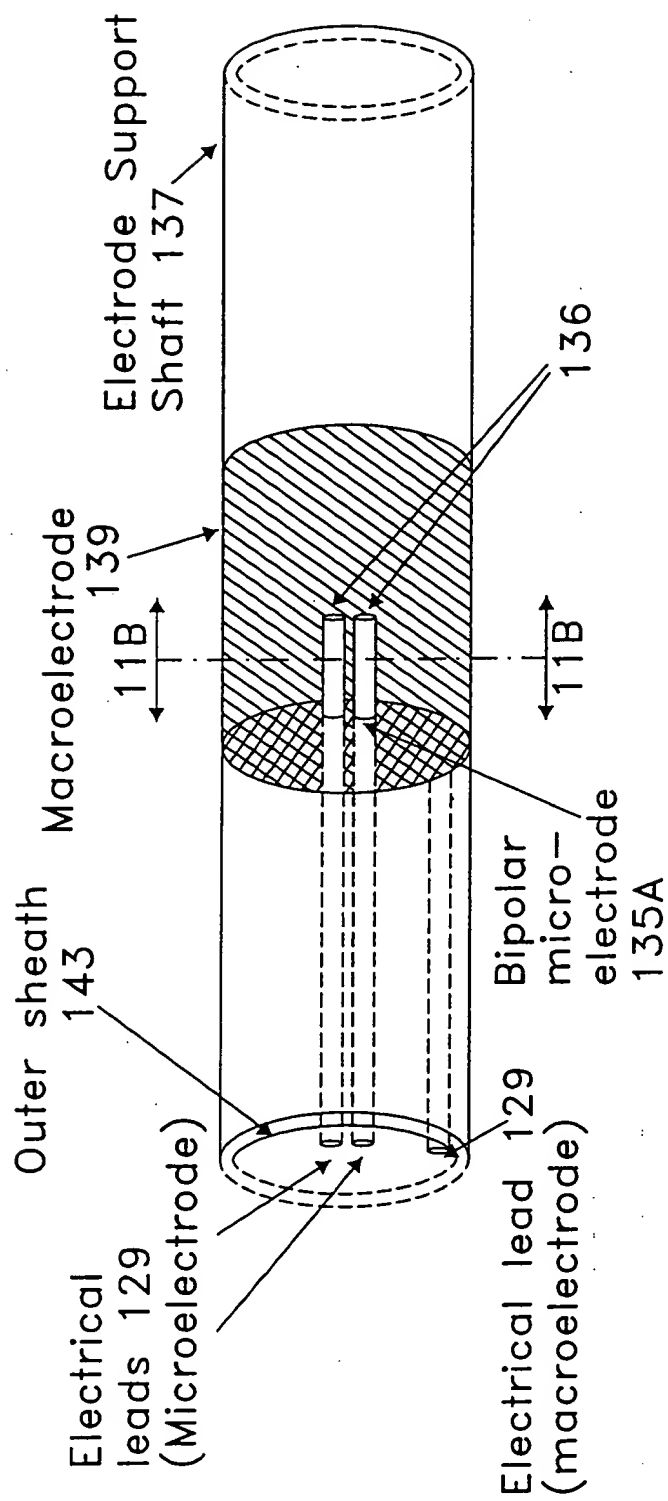


FIG. 11A

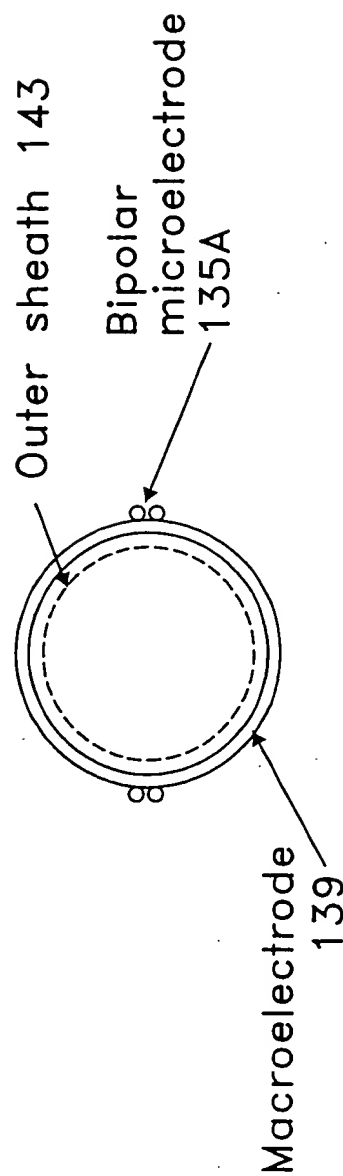


FIG. 11B

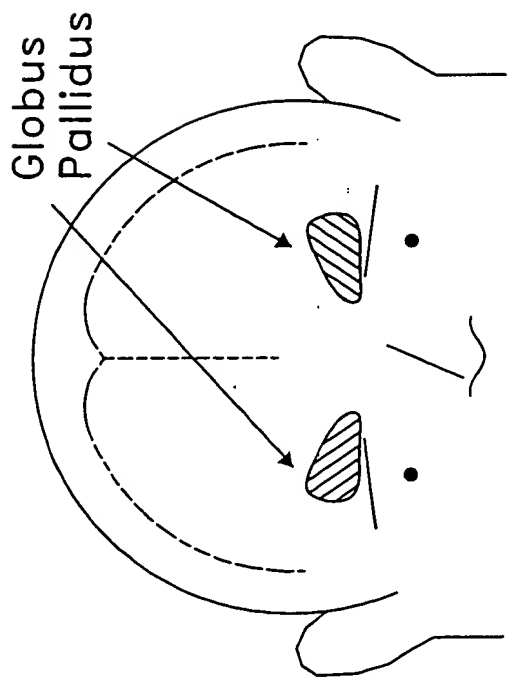


FIG. 12A

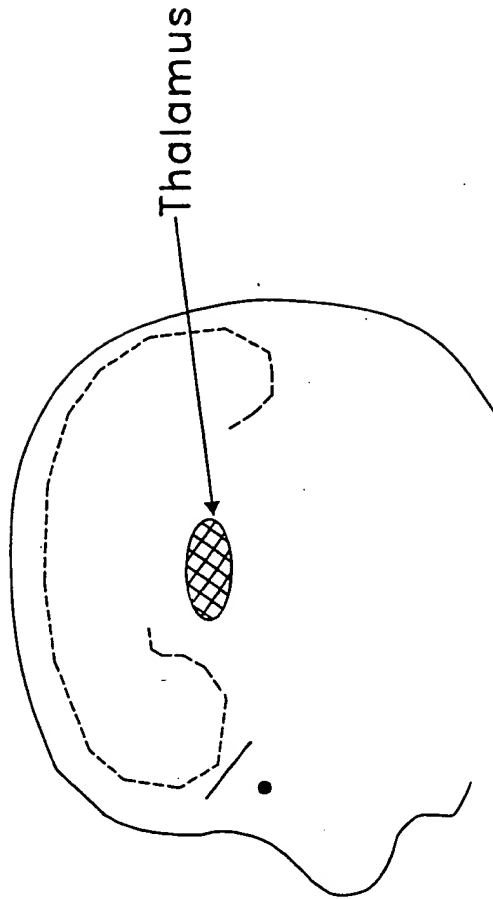
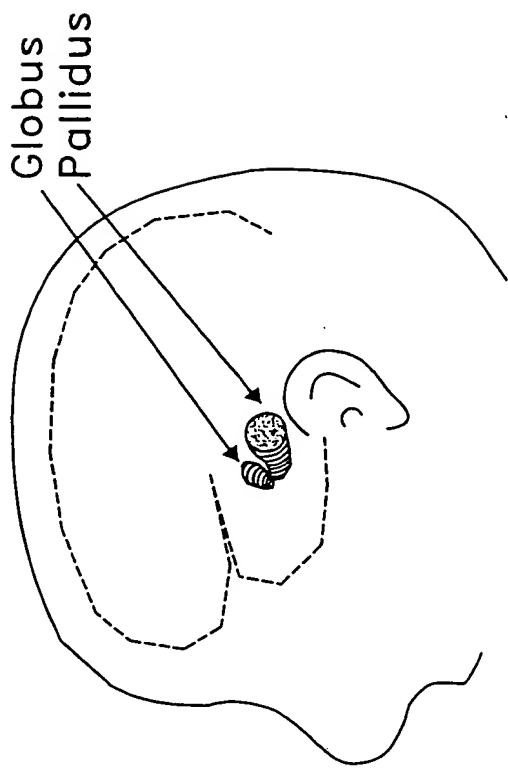


FIG. 12B

FIG. 12C is a schematic diagram of the standard linear trajectories of the Globus Pallidus.

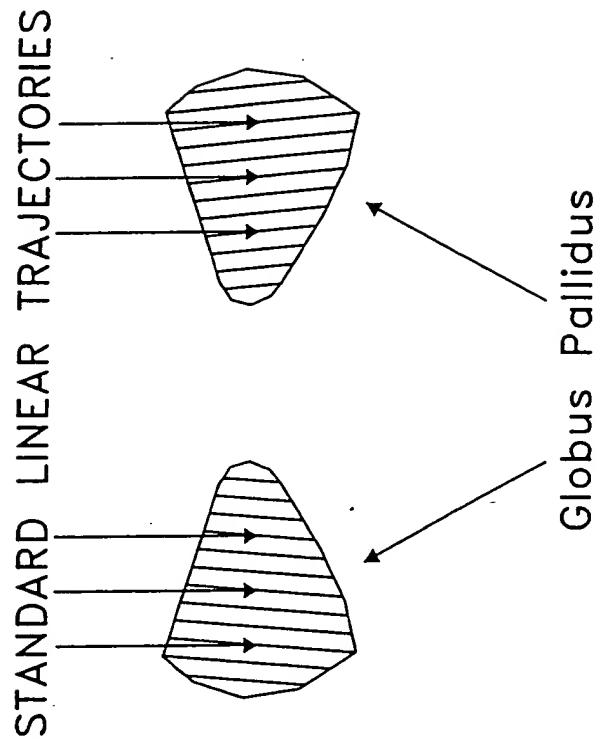


FIG. 12C

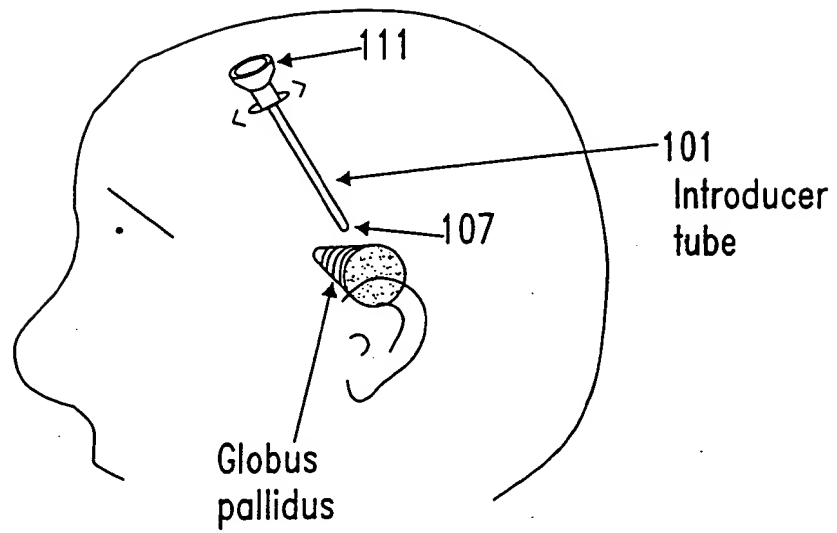


FIG. 13A

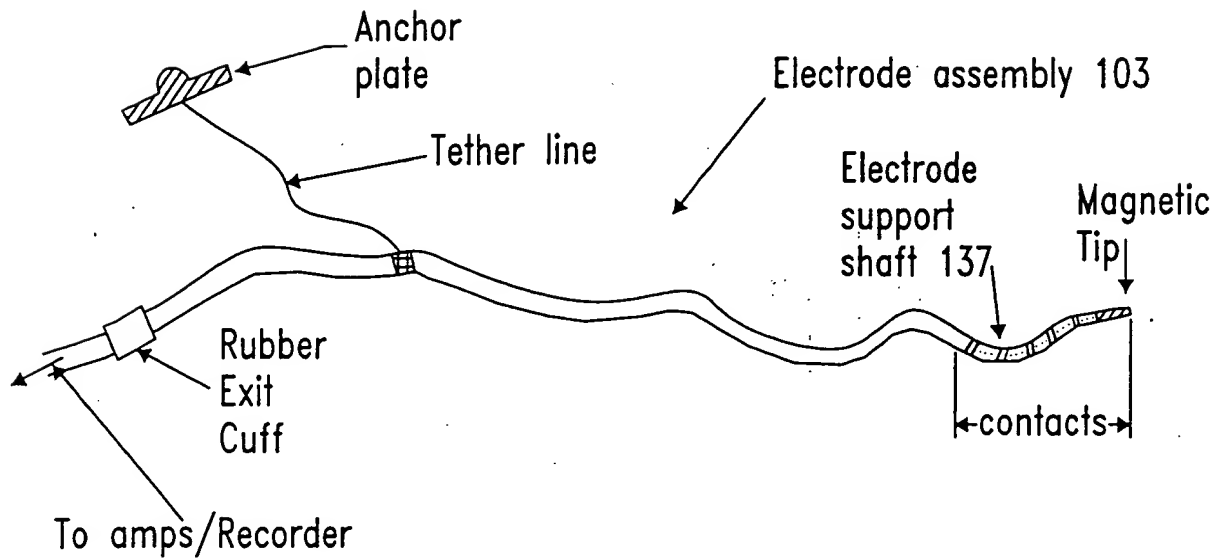


FIG. 13B



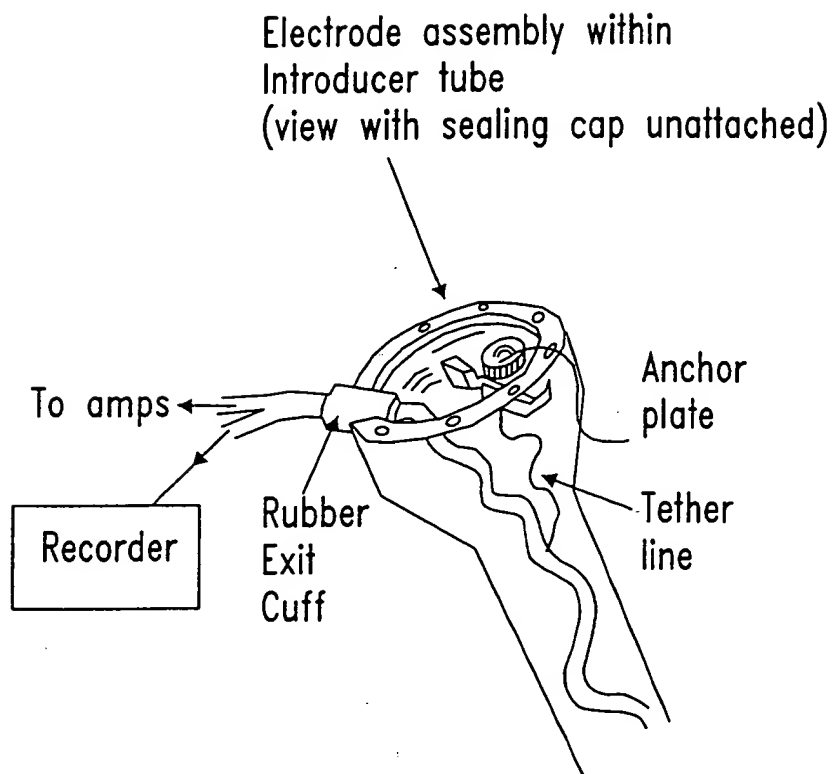


FIG. 13C

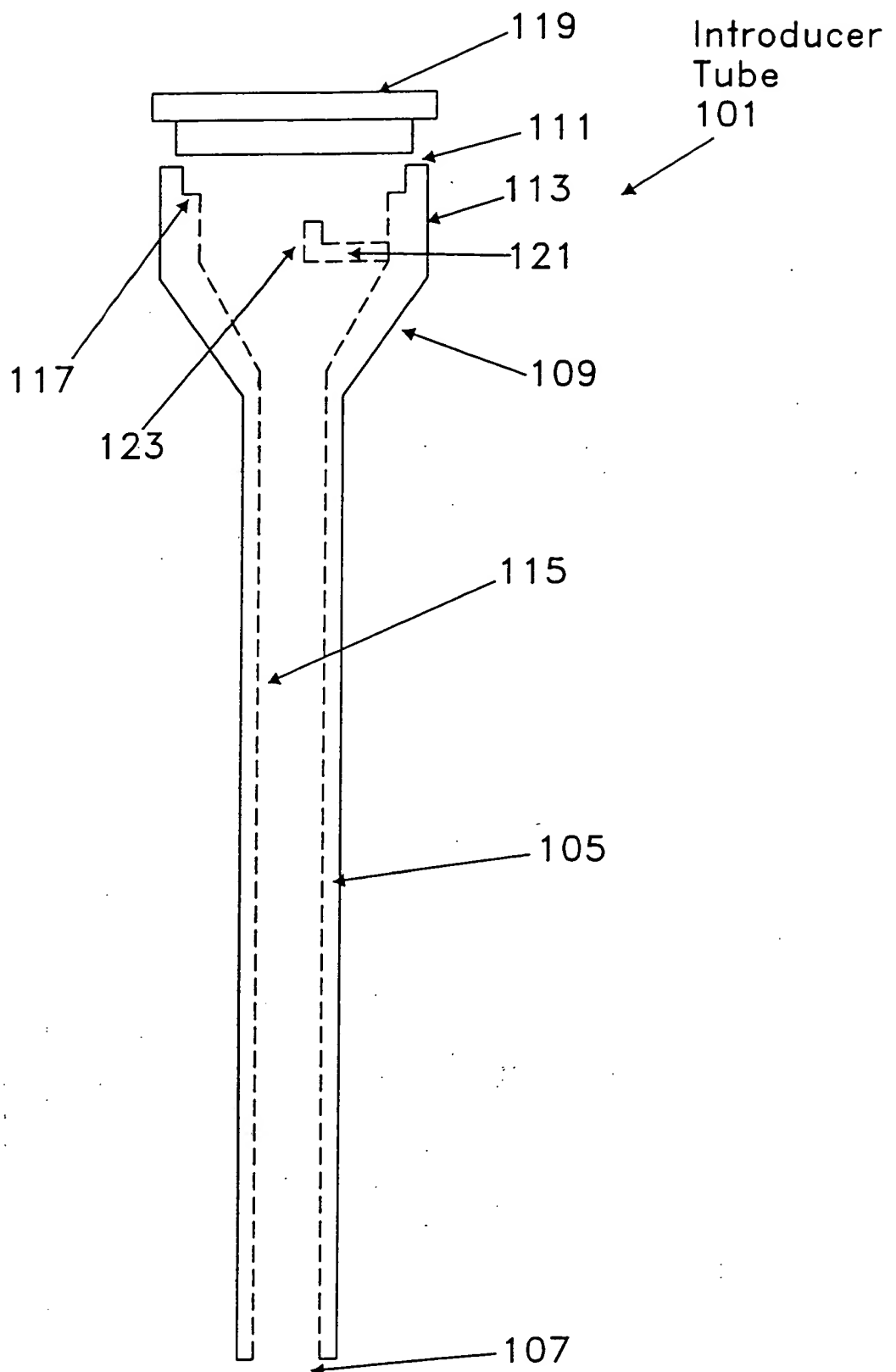


FIG. 14

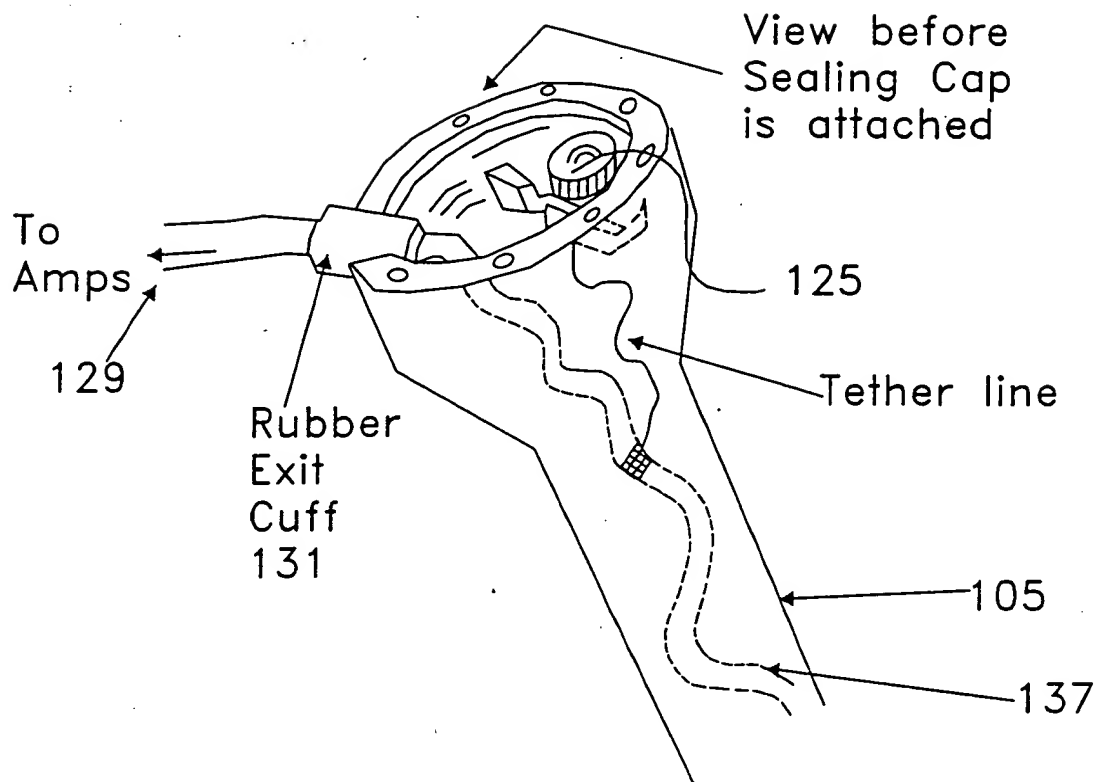


FIG. 15

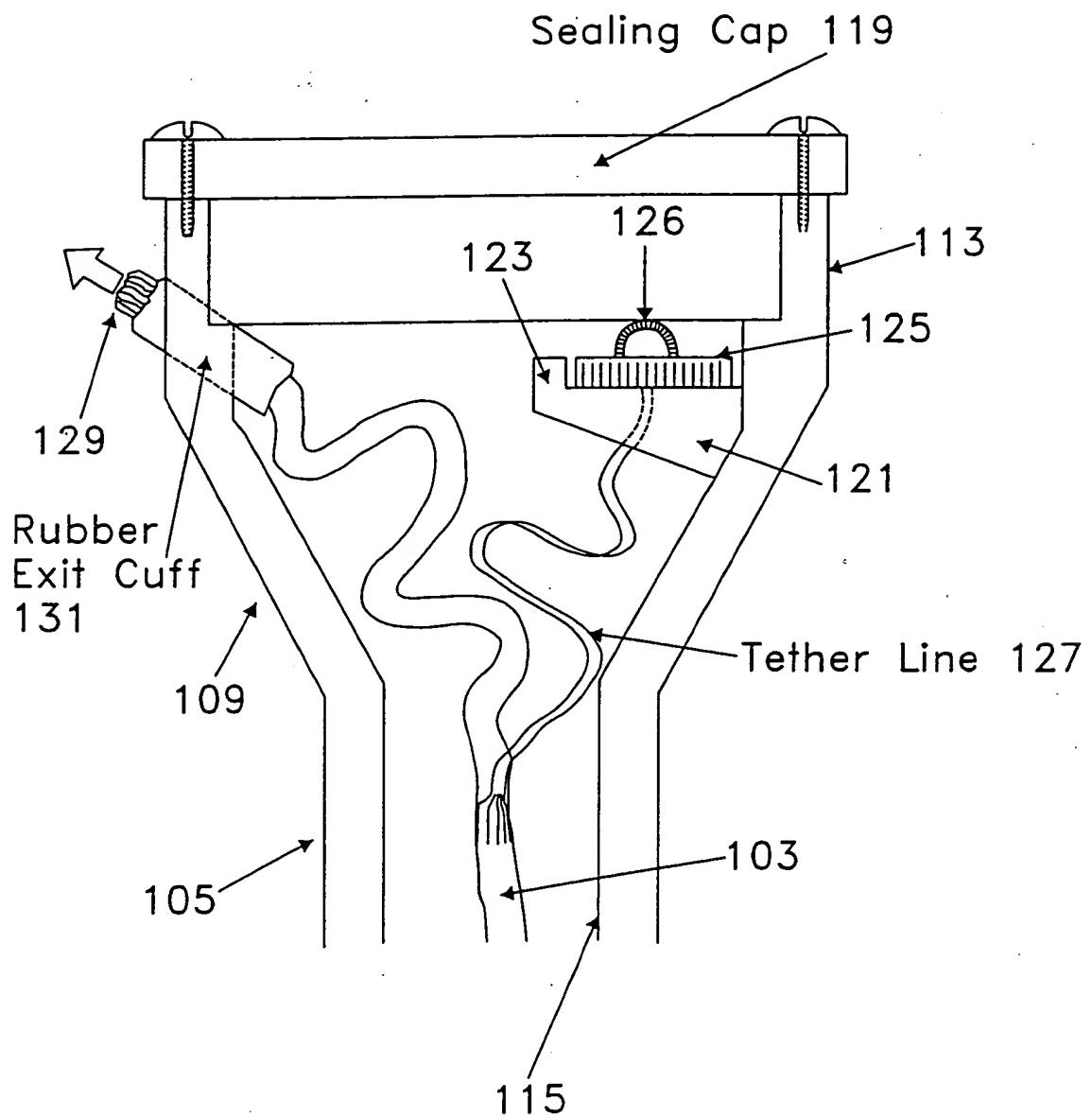


FIG. 16

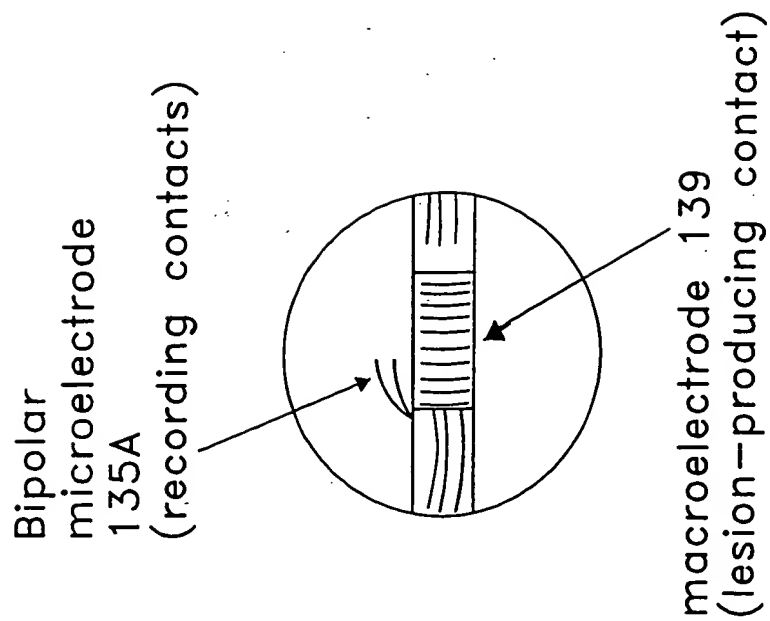
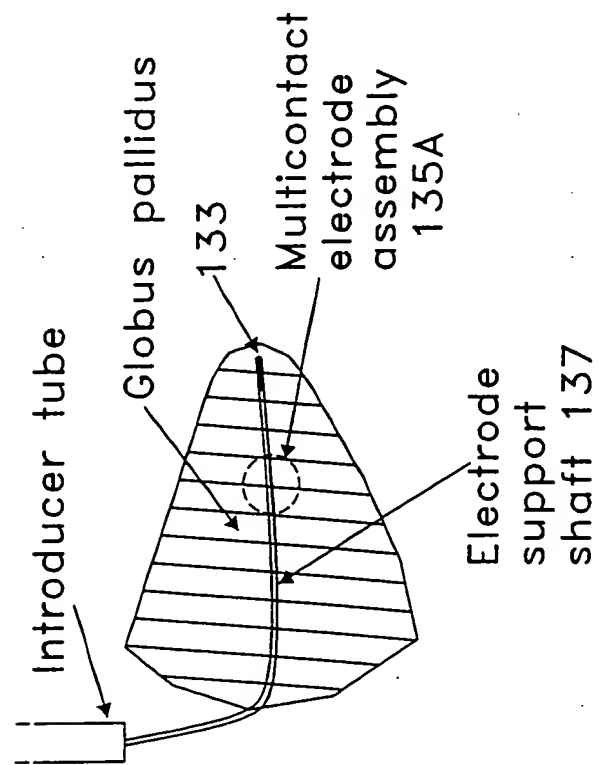


FIG. 17

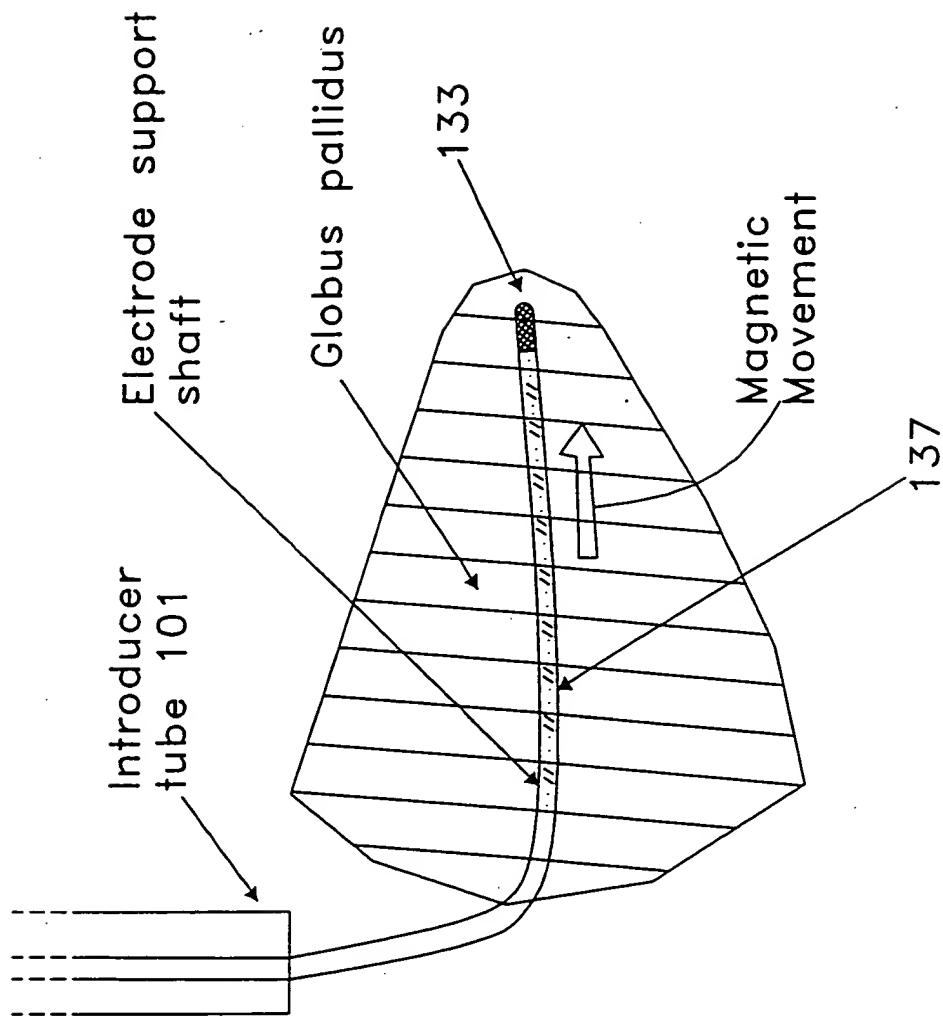


FIG. 18

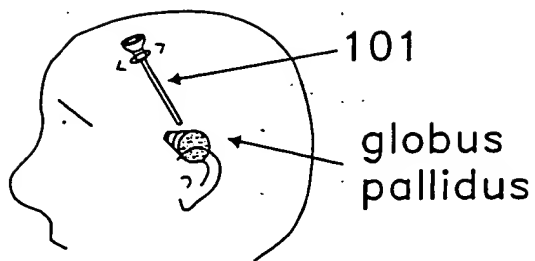


FIG. 19a

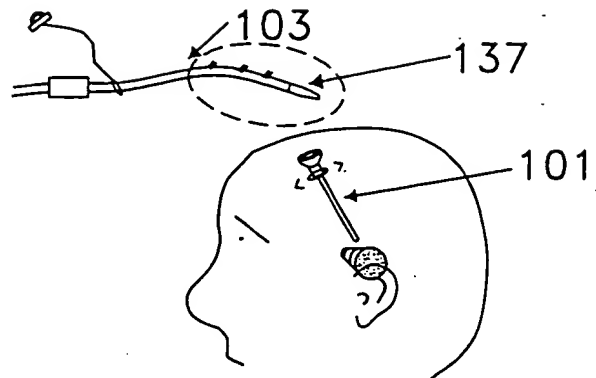


FIG. 19b

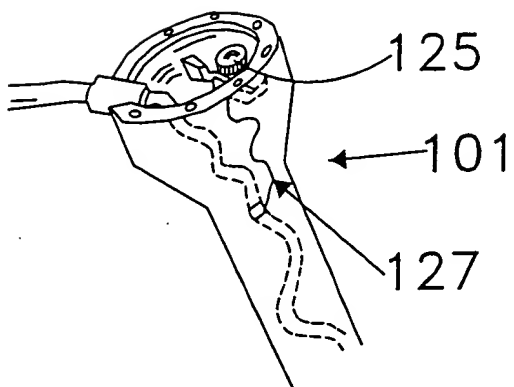


FIG. 19c

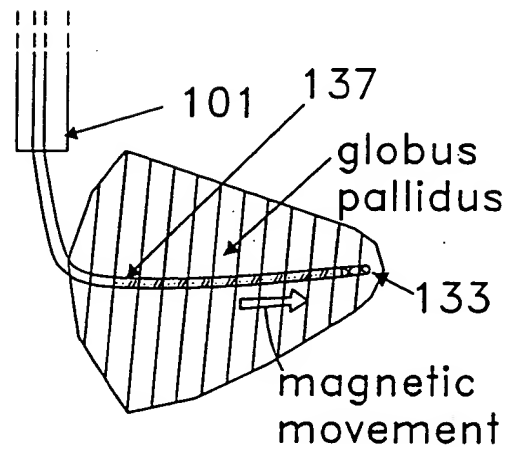


FIG. 19d

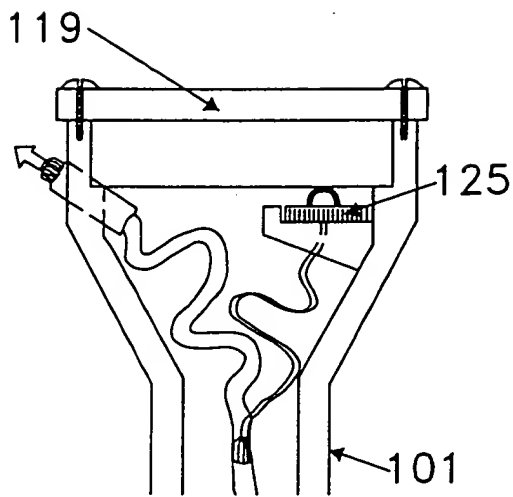


FIG. 19e

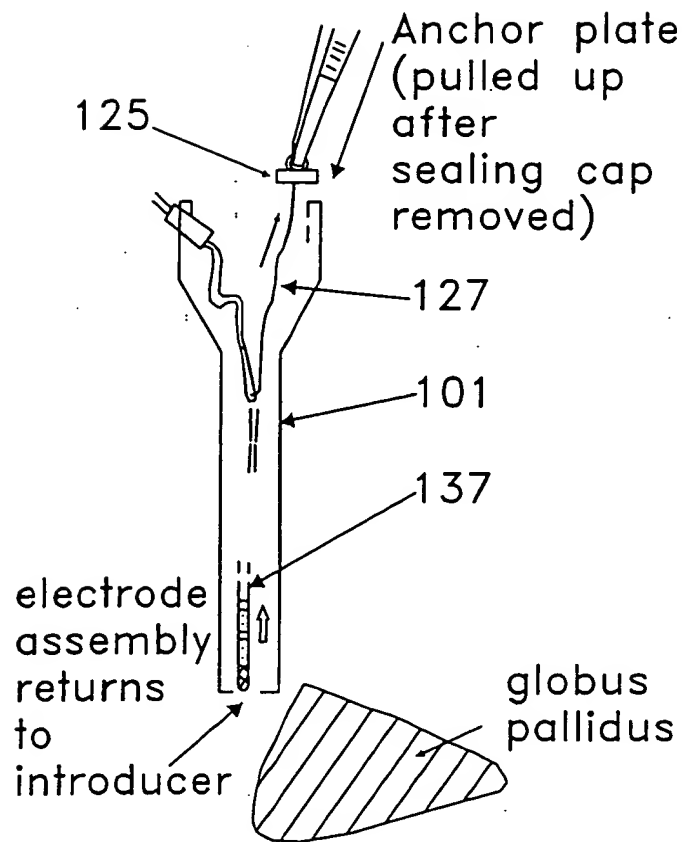


FIG. 19f

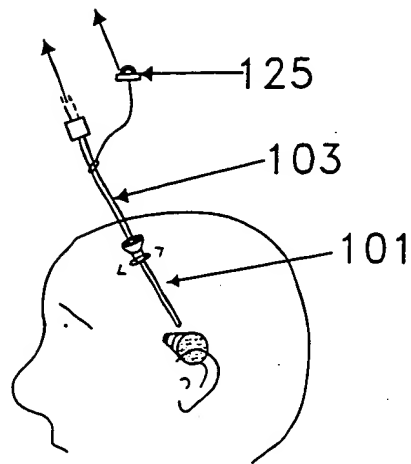


FIG. 19g



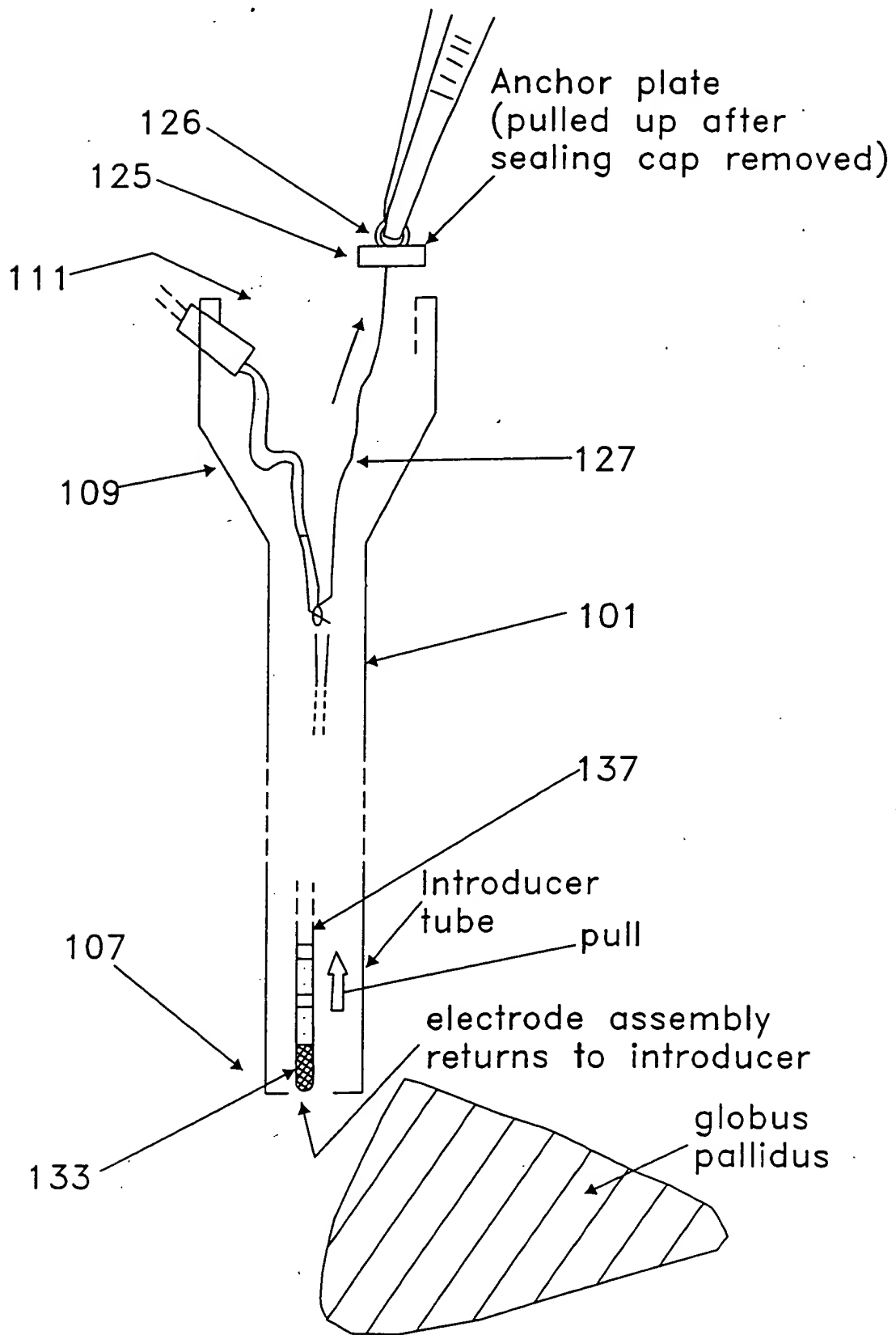
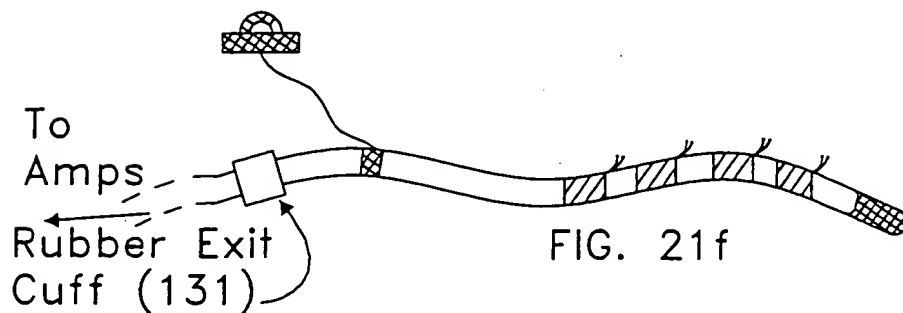
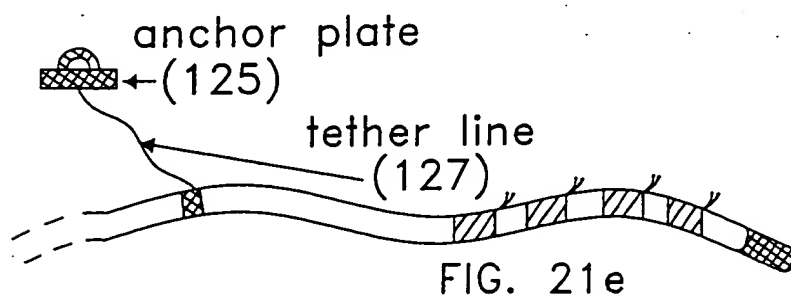
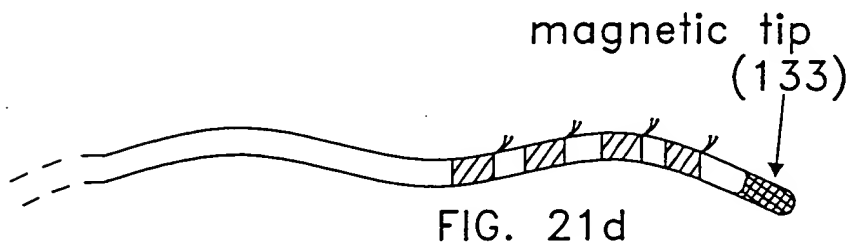
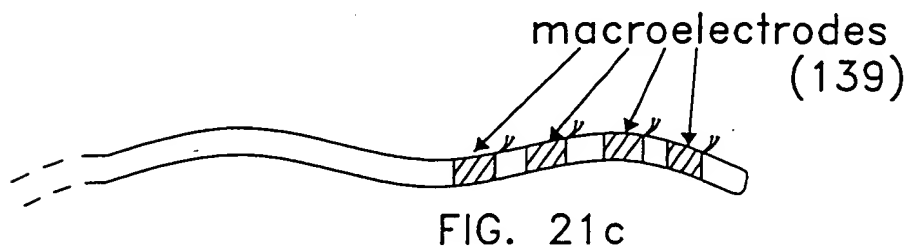
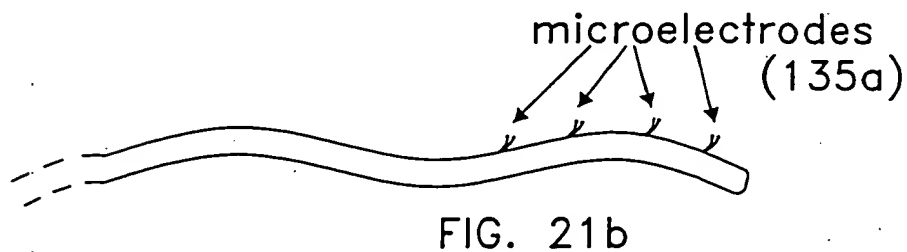
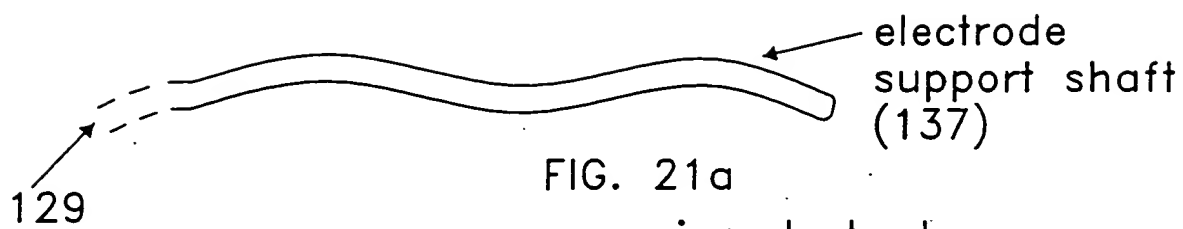


FIG. 20



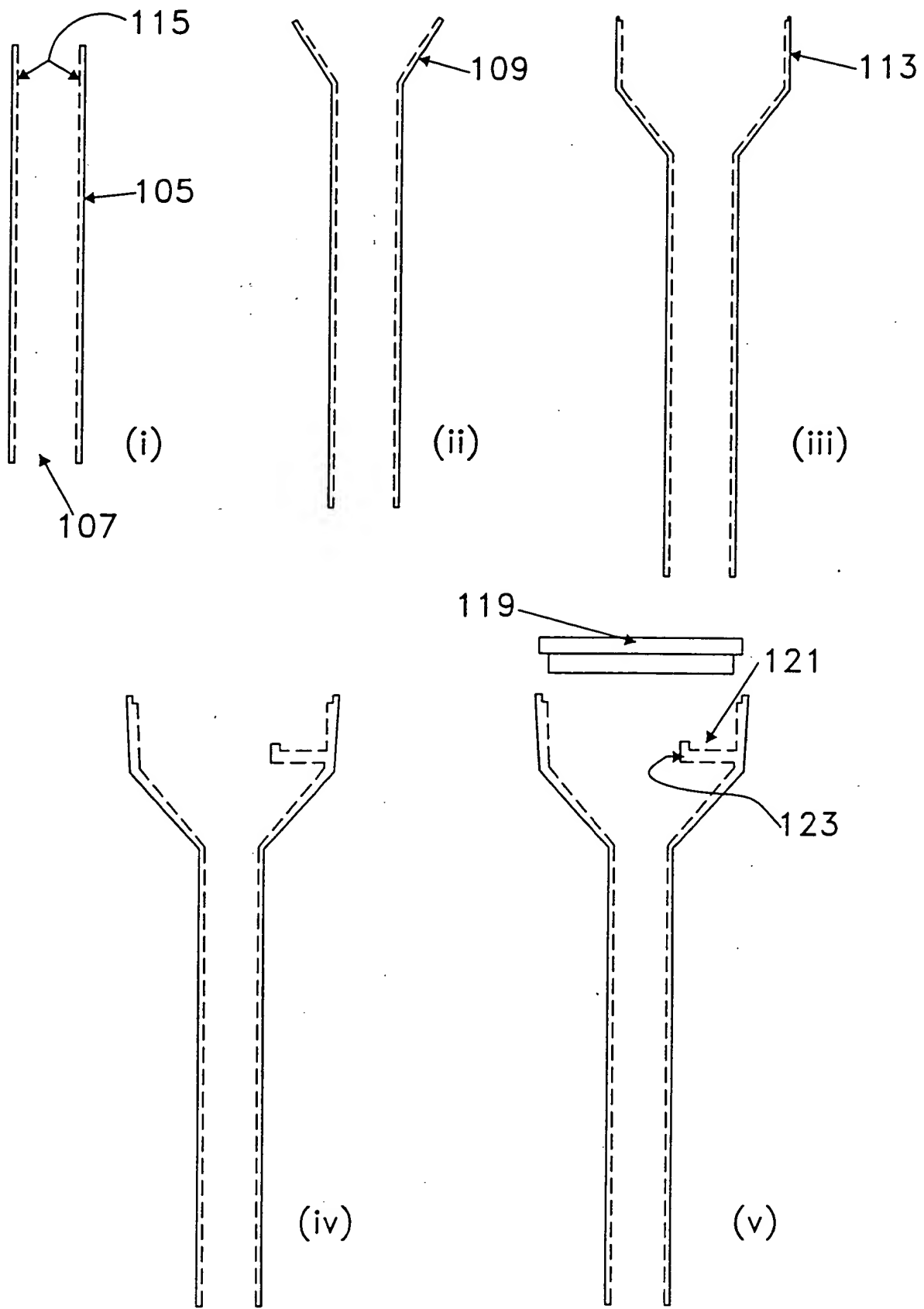


FIG. 22

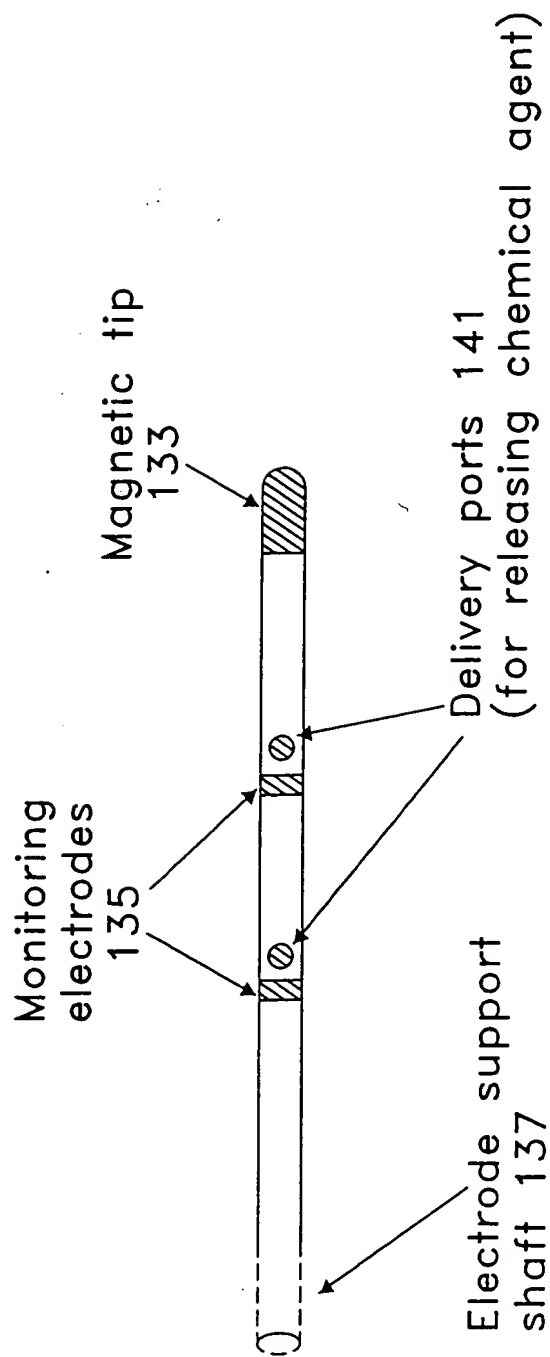


FIG. 23

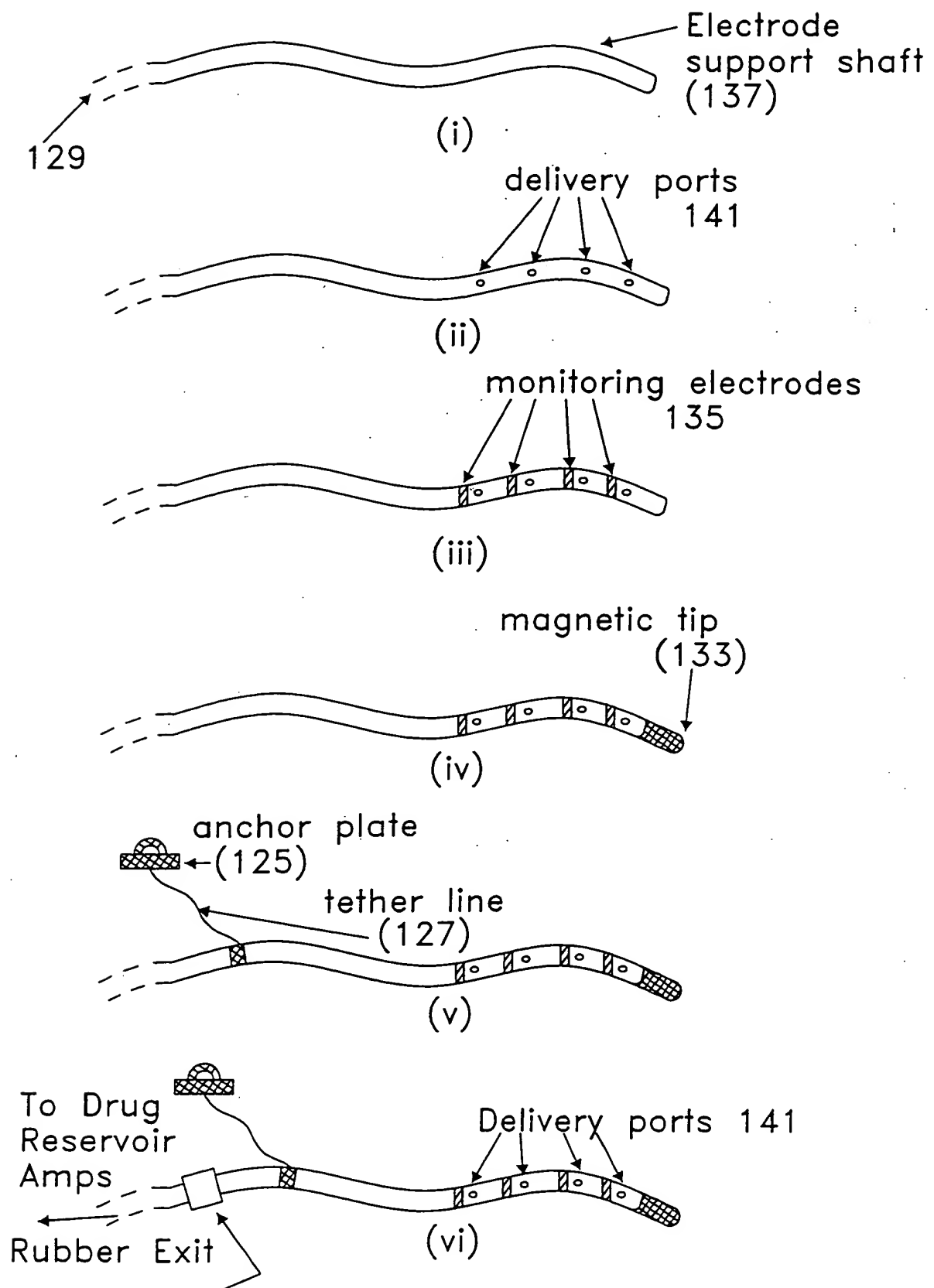


FIG. 24

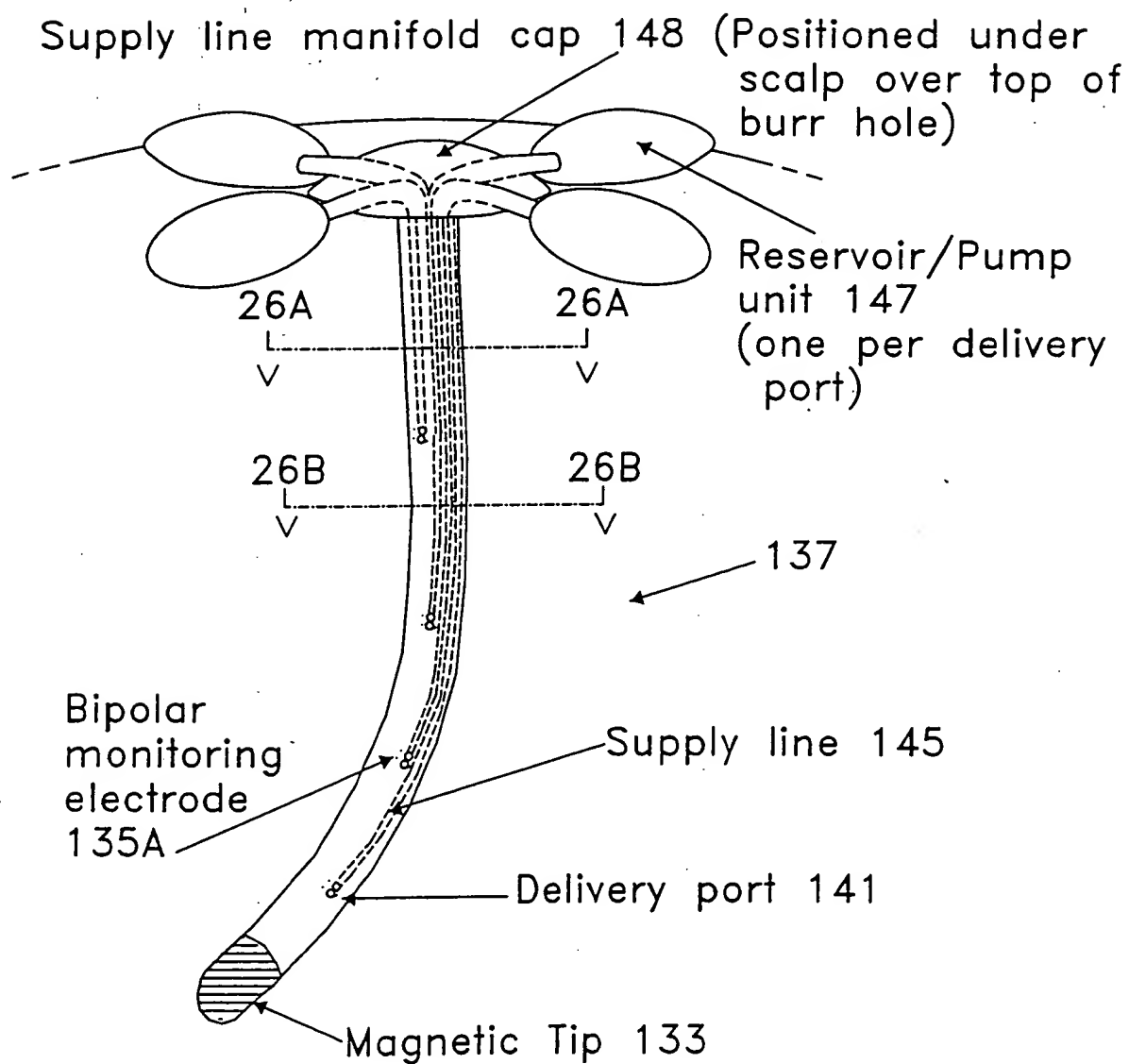


FIG. 25

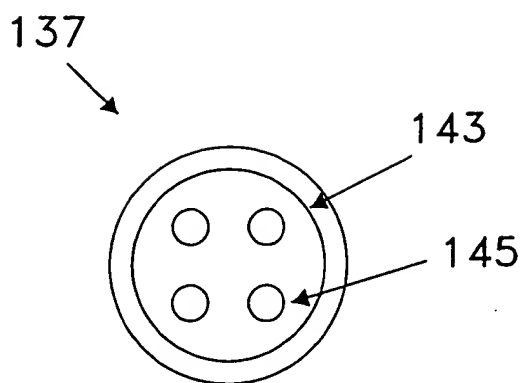


FIG. 26A

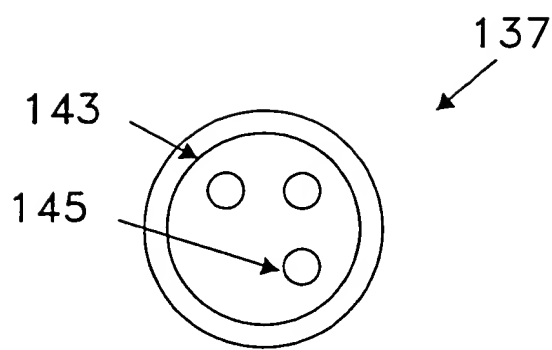


FIG. 26B

FIG. 27A is a schematic diagram of a stimulation trials electrode assembly/HOP 1101. The assembly includes a macrocatheter 1103, electrical leads 1106, and electrode support shafts 1105. The electrode support shafts 1105 are positioned within the macrocatheter 1103 and extend to the distal end. The electrode support shafts 1105 are connected to the electrical leads 1106, which are connected to the stimulation trials electrode assembly/HOP 1101. The stimulation trials electrode assembly/HOP 1101 includes stimulation electrodes or electrical contacts 1107. The stimulation electrodes or electrical contacts 1107 are positioned at the distal end of the electrode support shafts 1105. The stimulation electrodes or electrical contacts 1107 are connected to the electrical leads 1106, which are connected to the stimulation trials electrode assembly/HOP 1101. The stimulation electrodes or electrical contacts 1107 are used for stimulation trials.

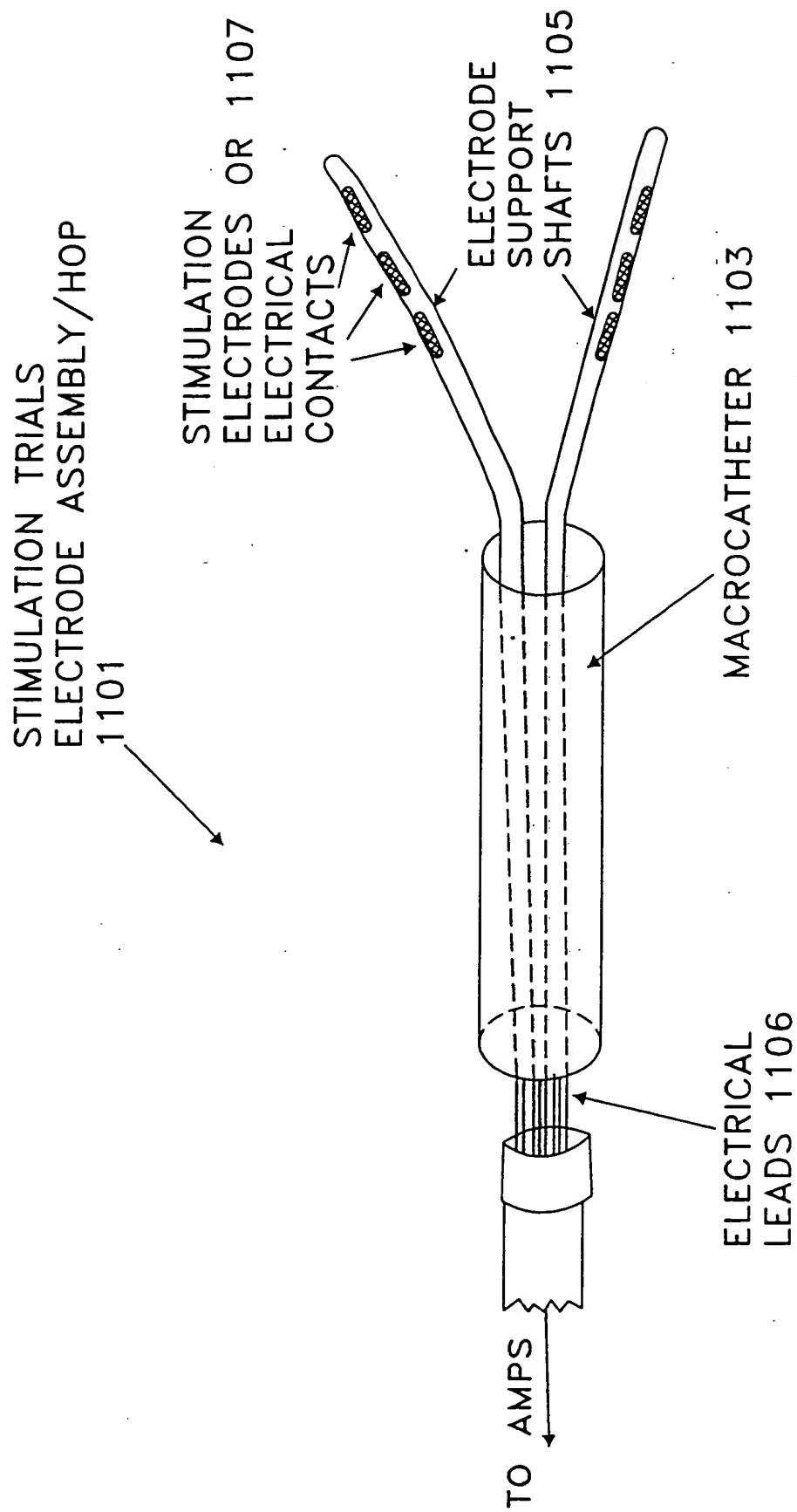


FIG. 27A



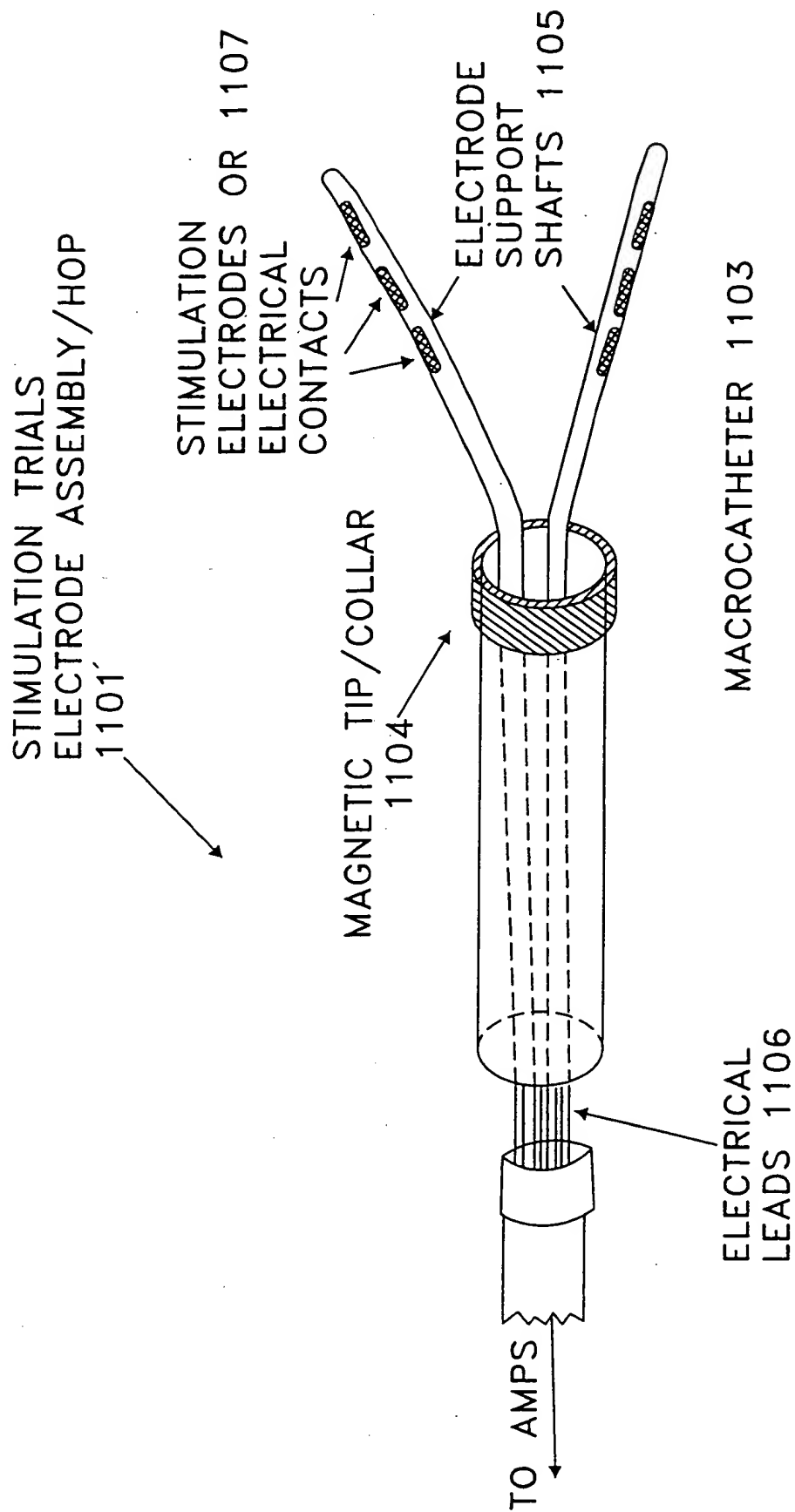


FIG. 27B

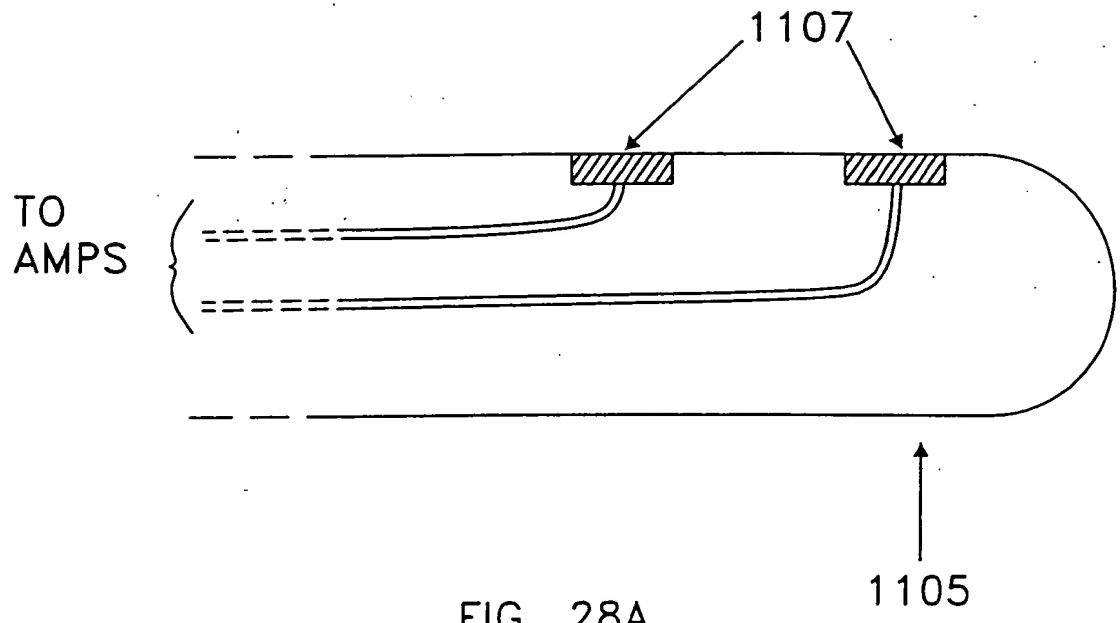


FIG. 28A

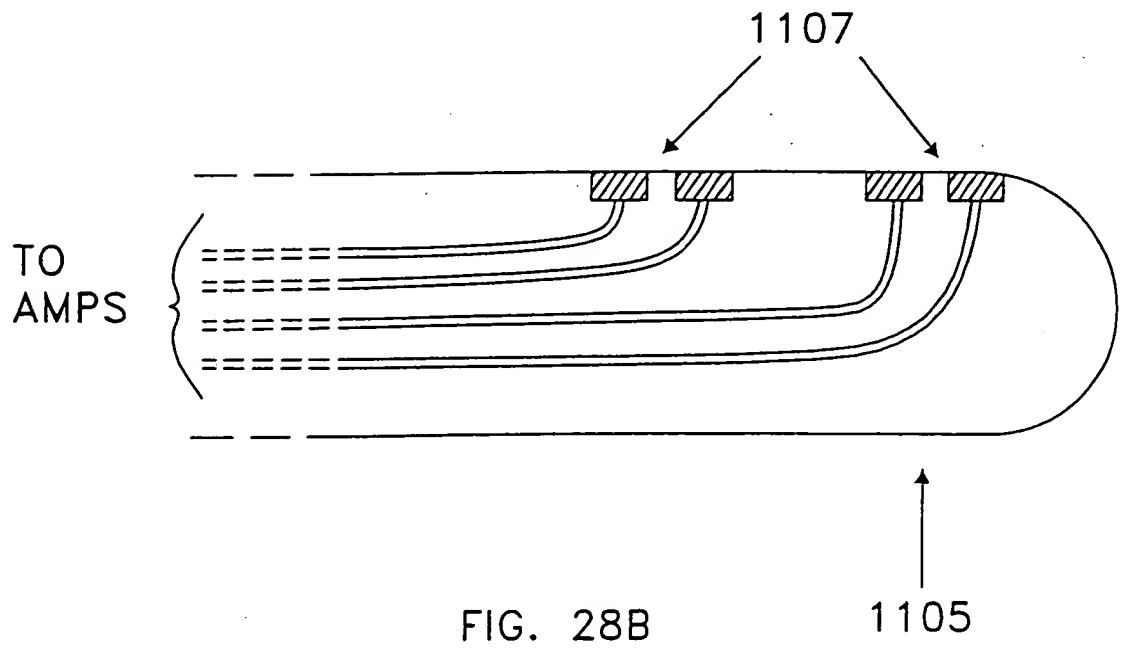


FIG. 28B

FIG. 29A is a schematic diagram of a drug infusion assembly 1001.

# DRUG INFUSION ASSEMBLY 1001

1001

RESERVOIR/PUMP 1013

VALVE 1015

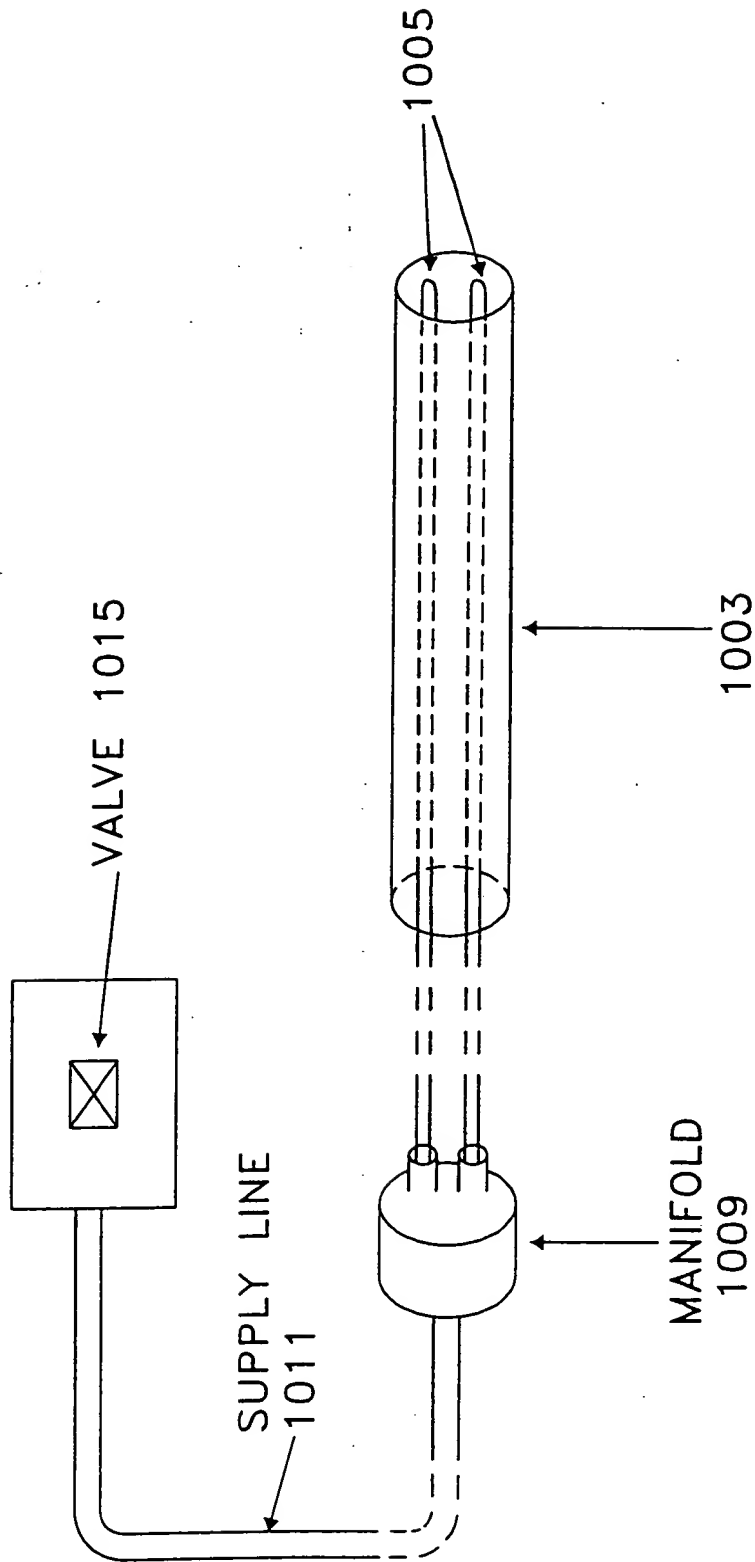
SUPPLY LINE 1011

MANIFOLD 1009

1003

1005

FIG. 29A



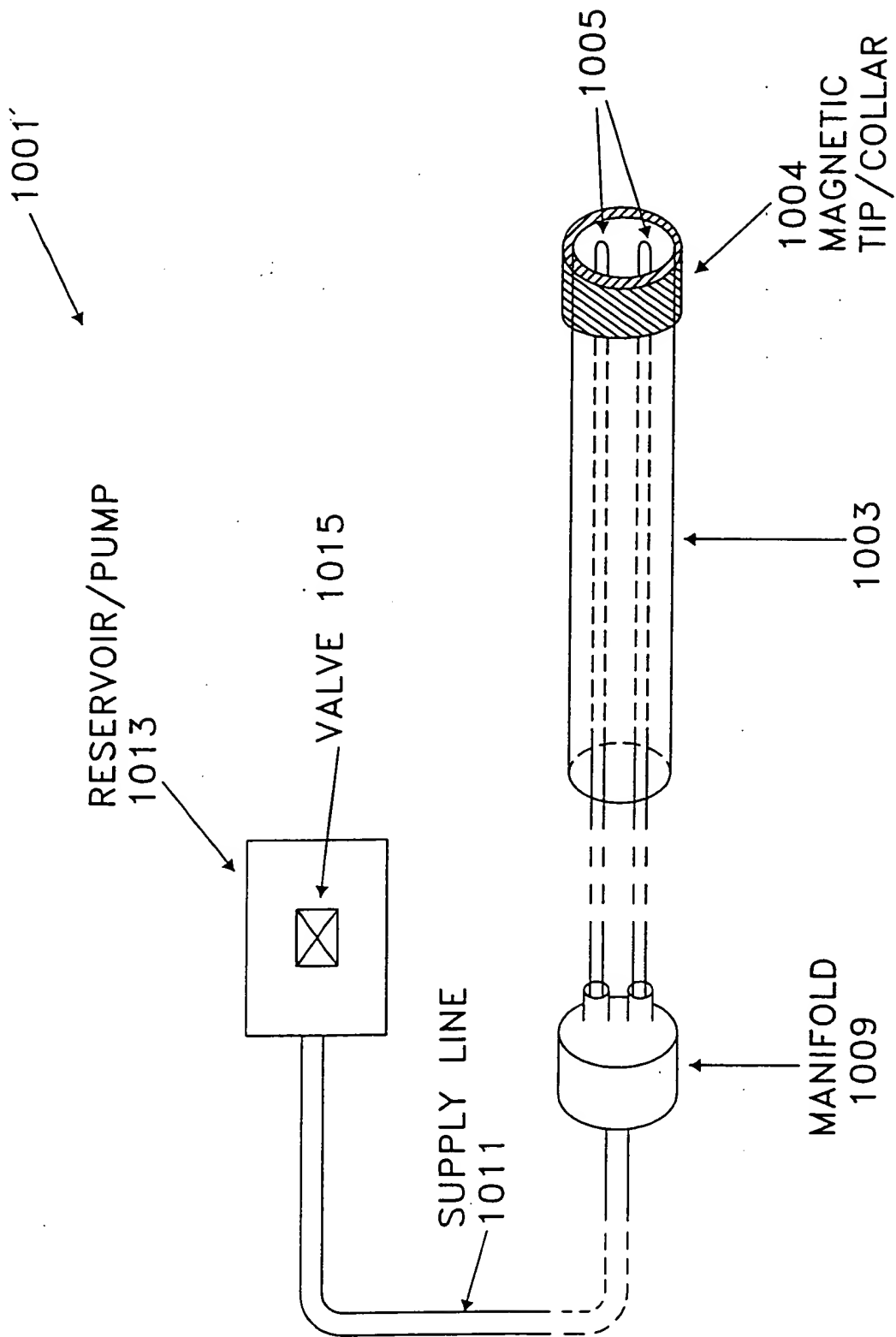


FIG. 29B

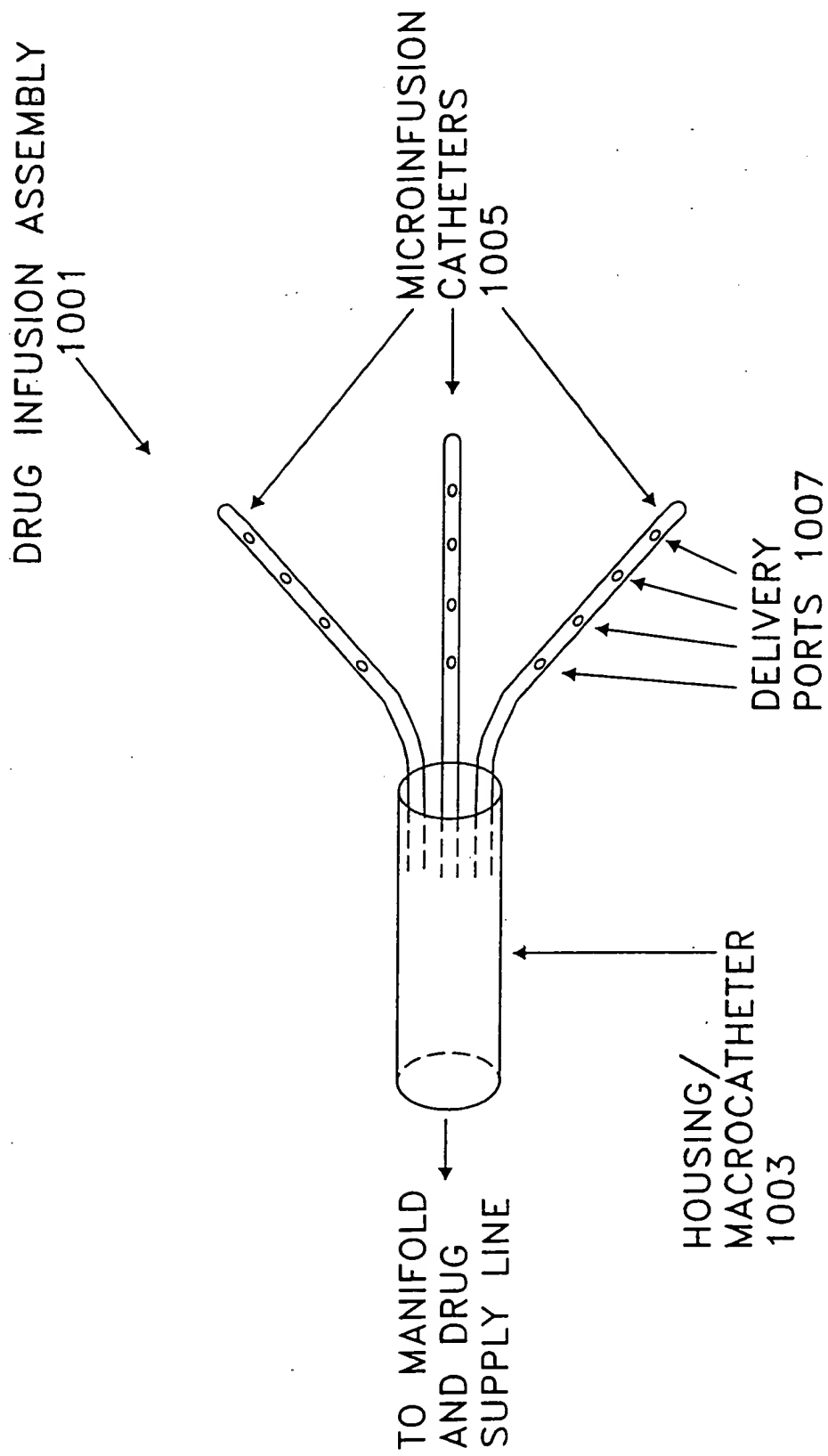


FIG. 30

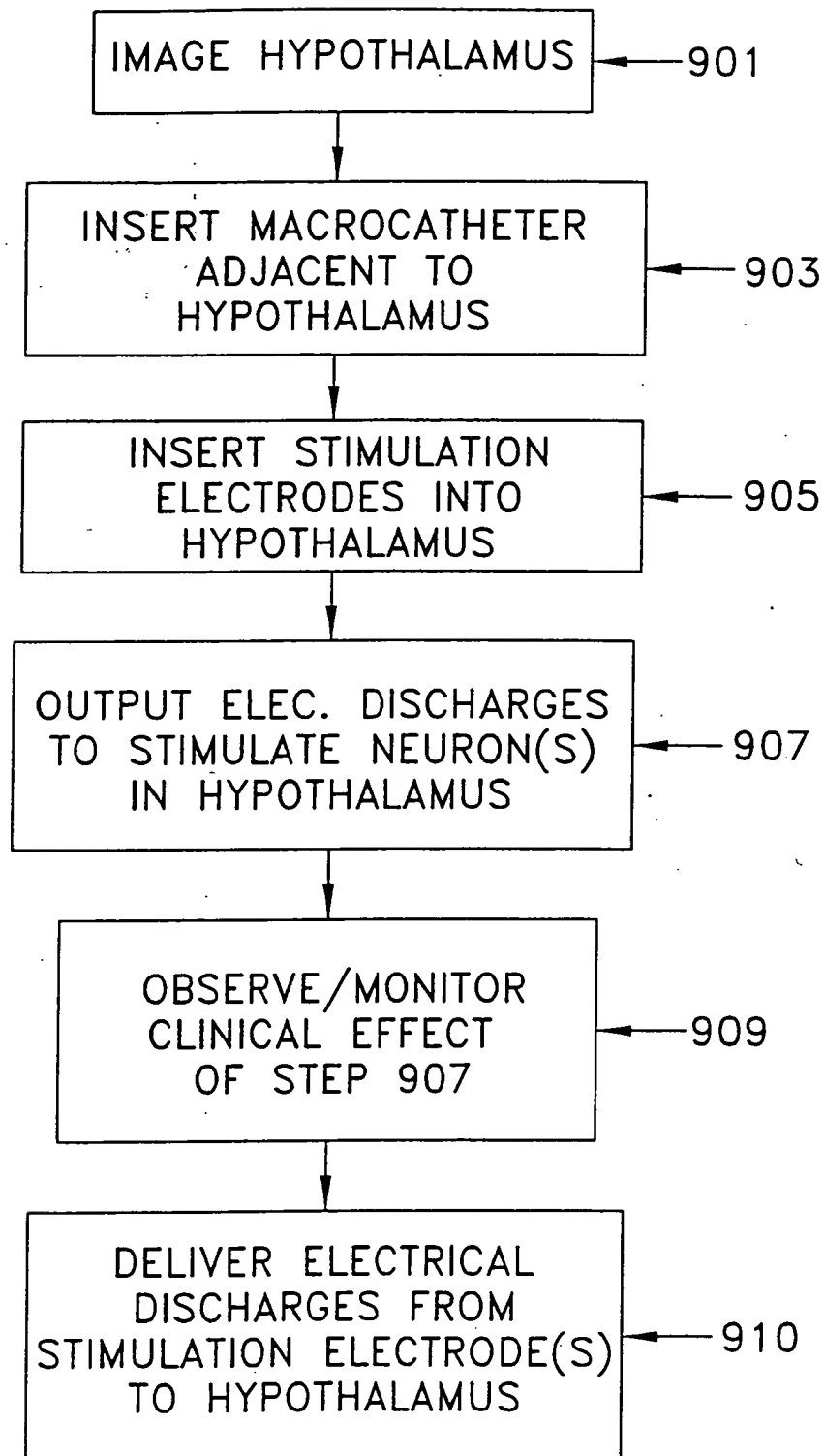


FIG. 31

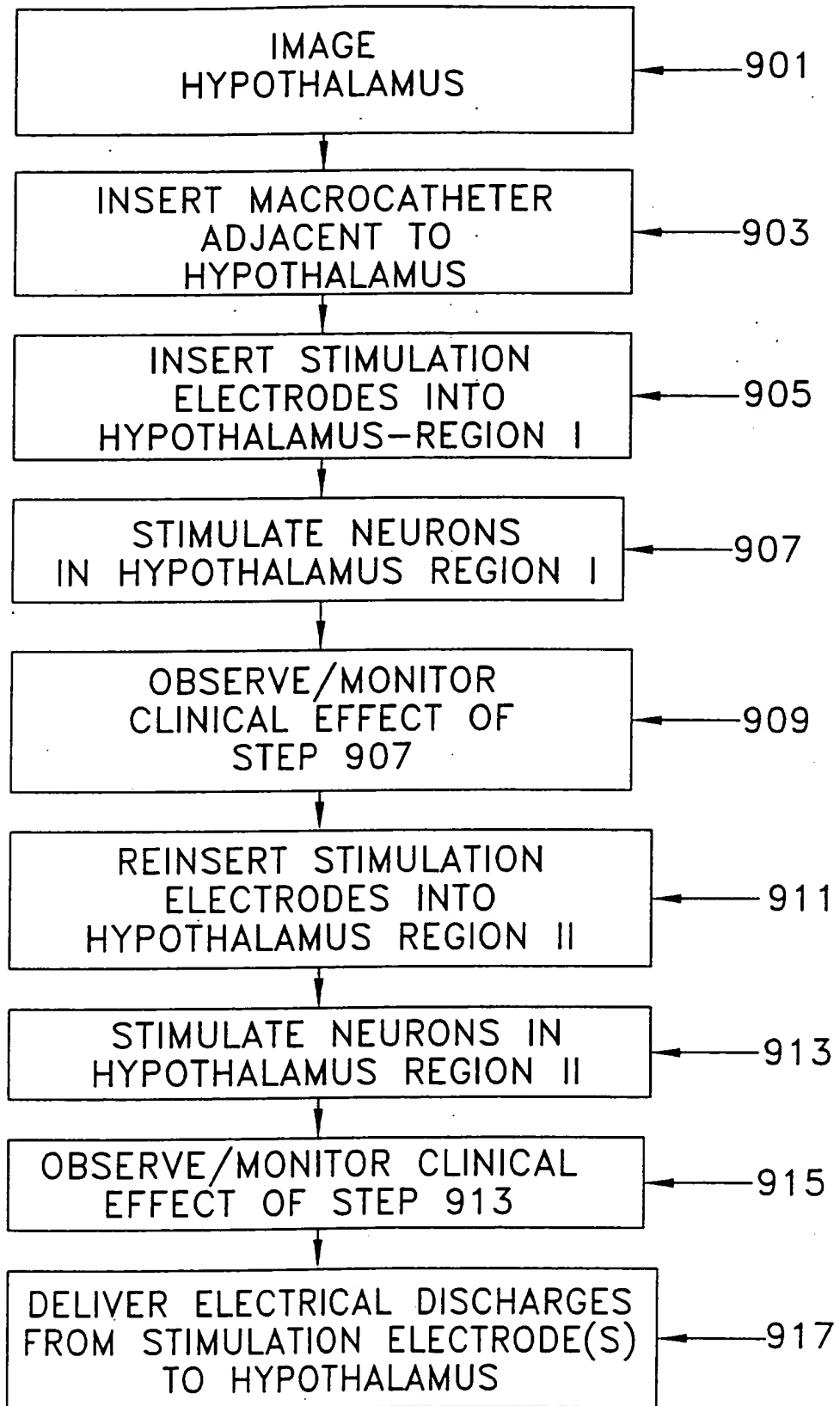


FIG. 32

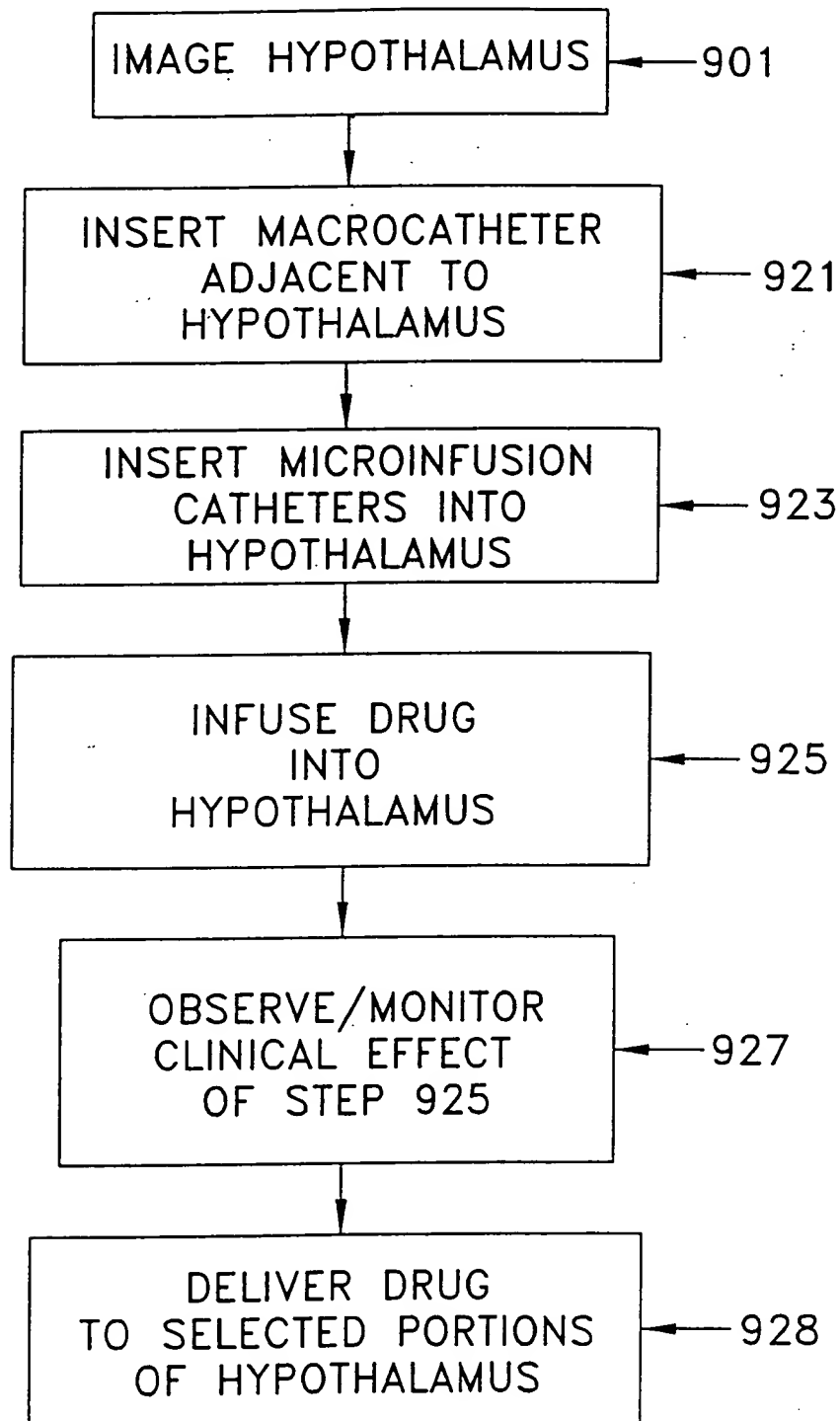


FIG. 33



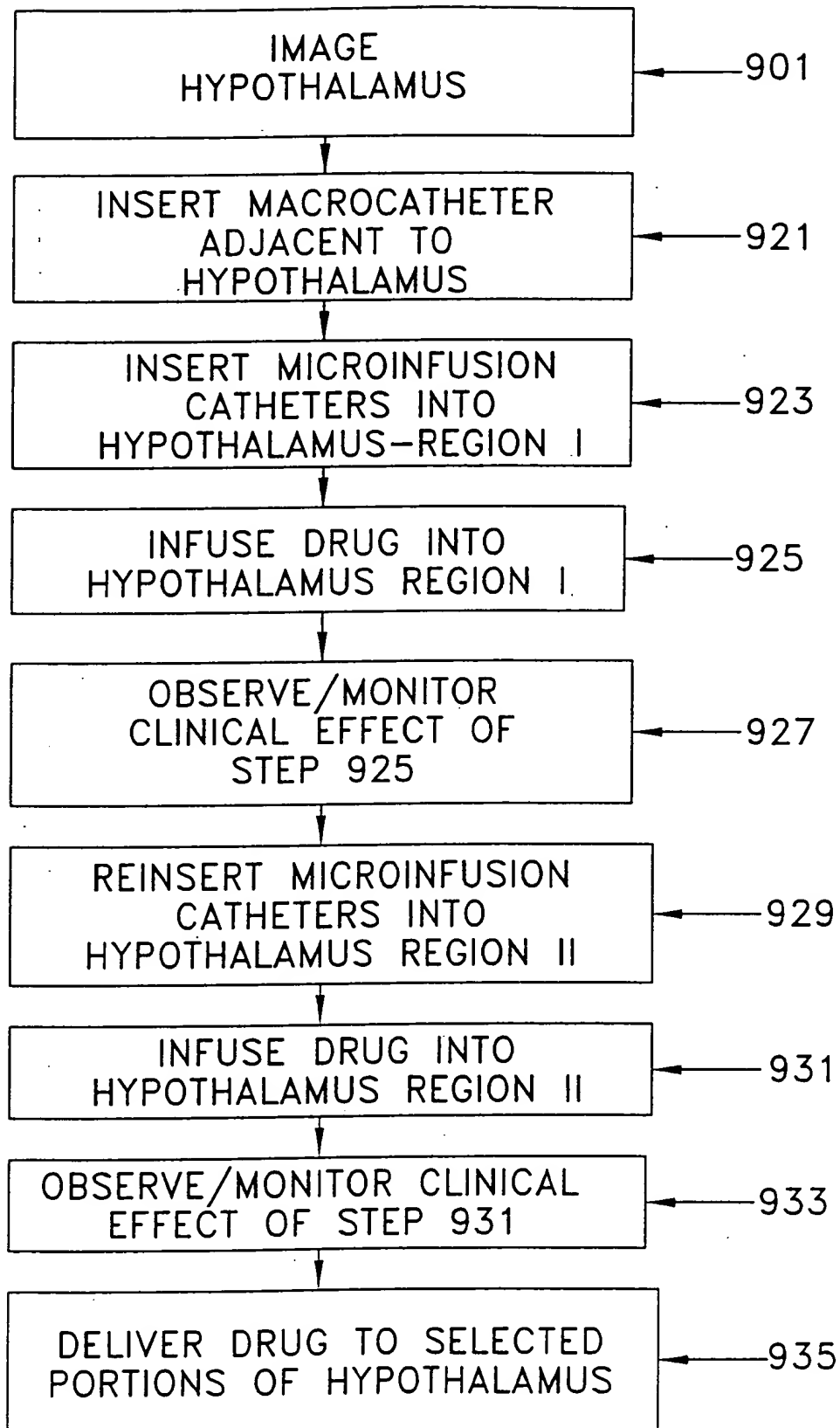


FIG. 34

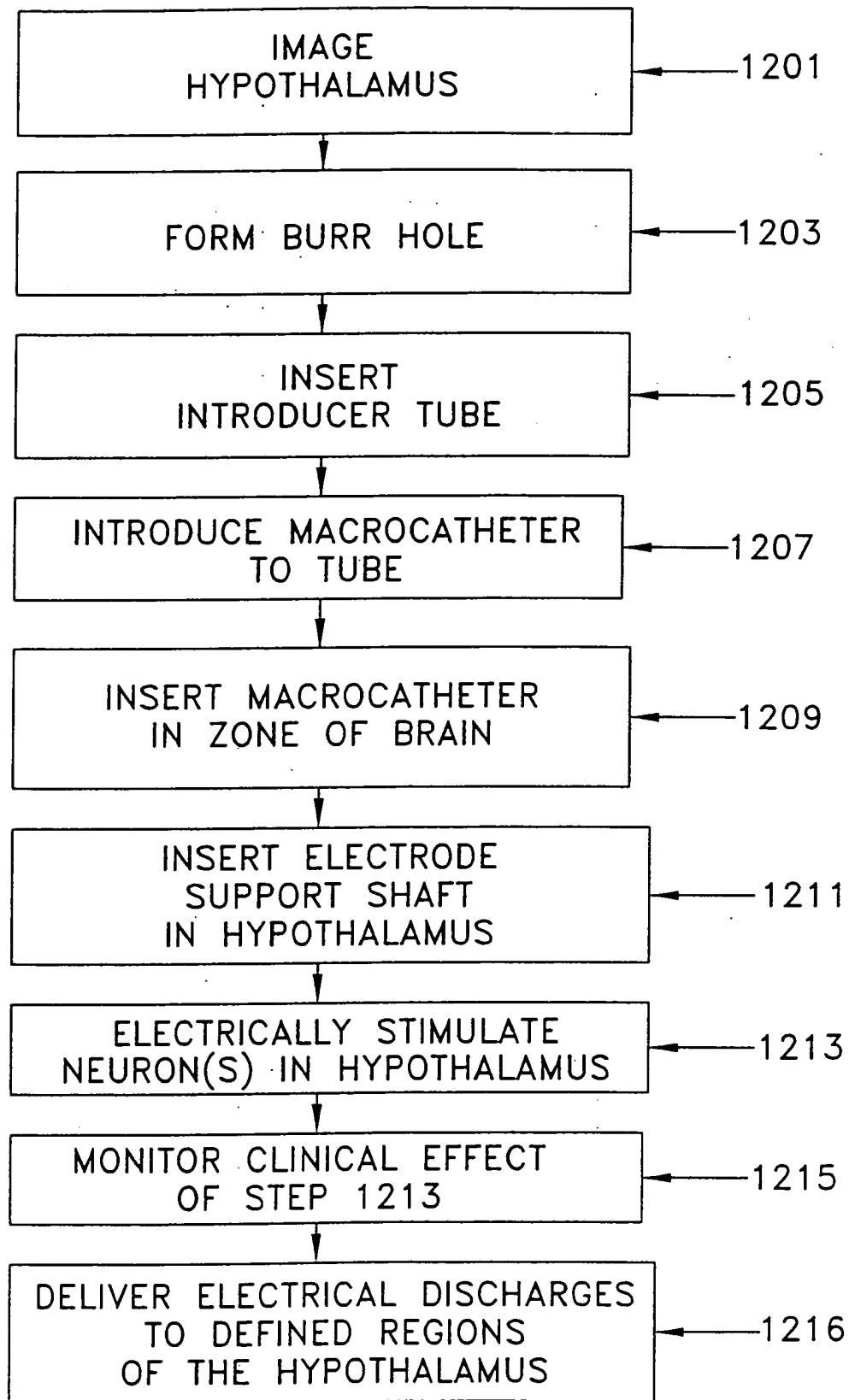


FIG. 35A

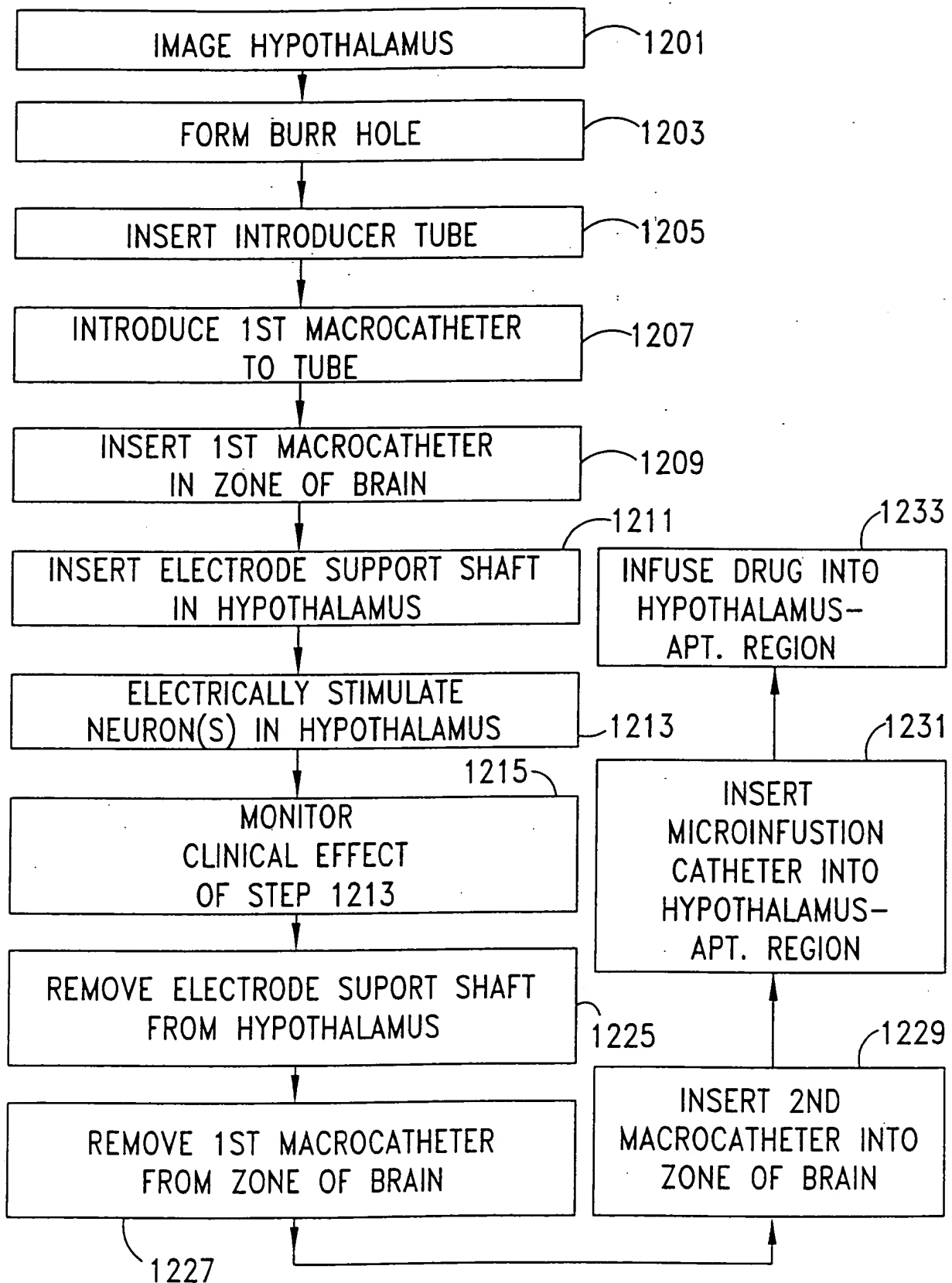


FIG. 35B

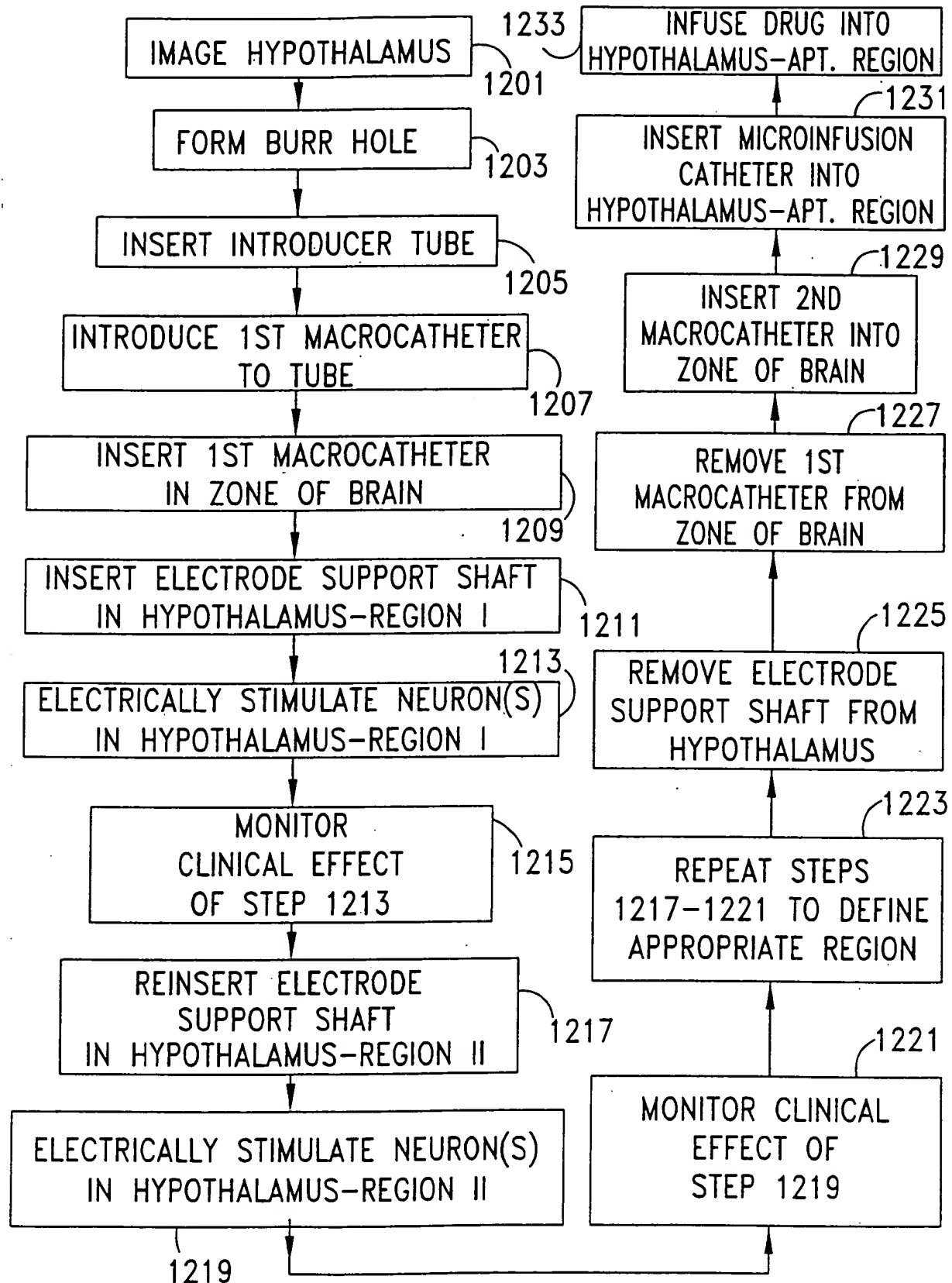


FIG. 35C

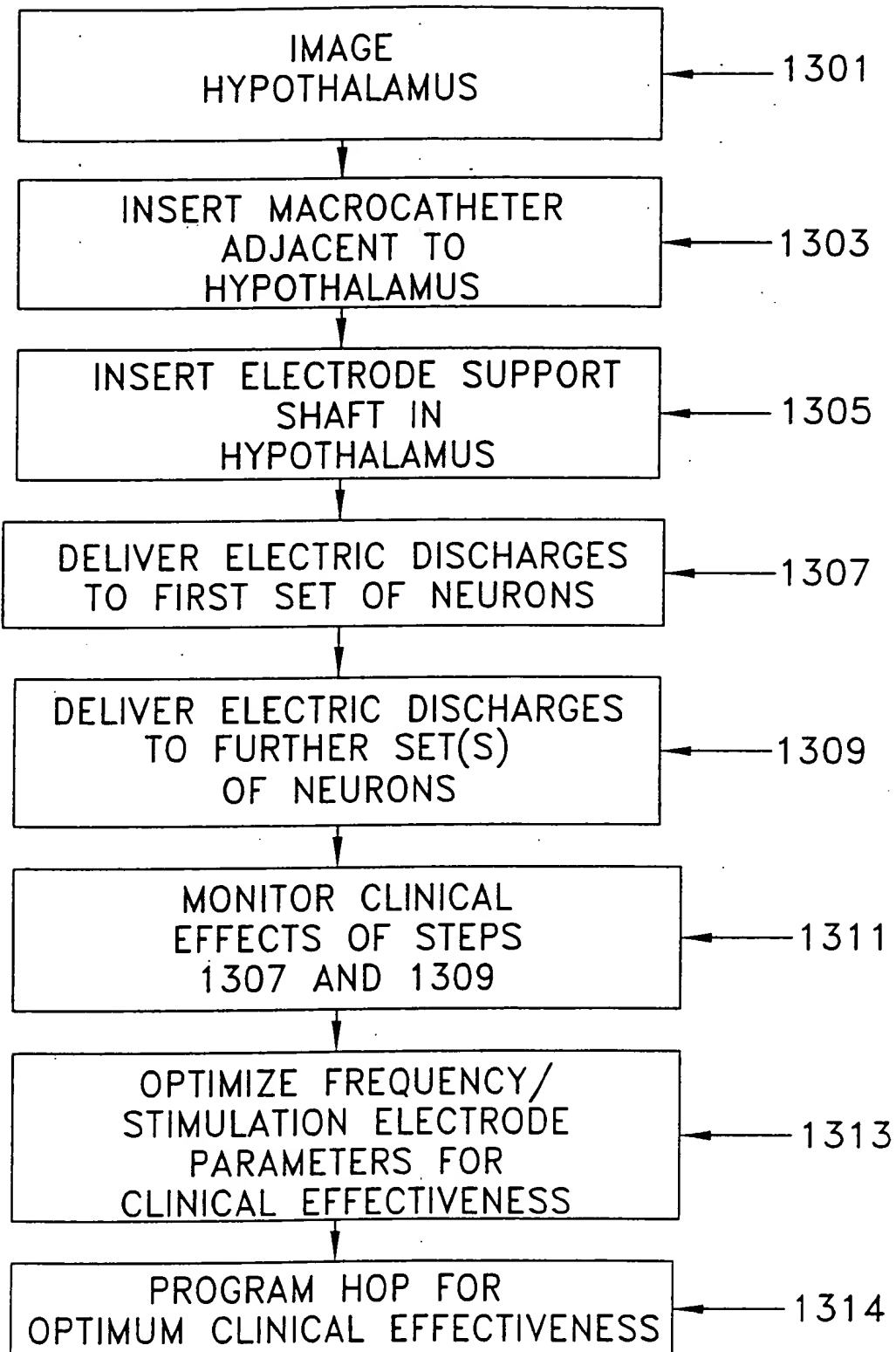


FIG. 36A

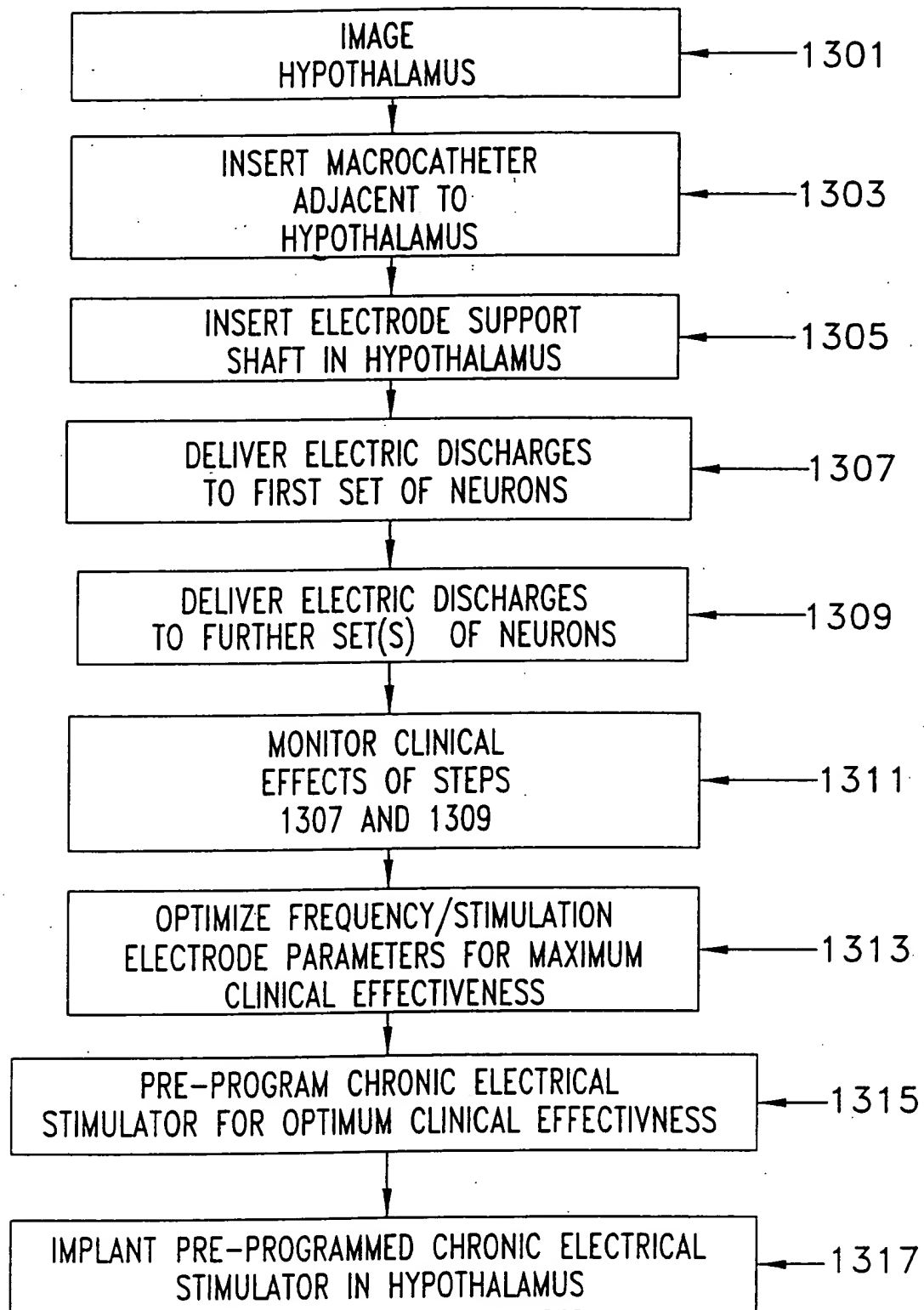


FIG. 36B